

**AGREEMENT OF INTERUNIVERSITY COOPERATION
FOR THE GRANTING OF A DOUBLE SECOND CYCLE DEGREE**

Between

Alma Mater Studiorum – Università di Bologna (hereafter designated “University of Bologna” or “UNIBO”), with legal domicile Via Zamboni 33 – 40126 Bologna, Italy, and represented by its Rector, Prof. Giovanni Molari,

and

KTH Royal Institute of Technology (hereafter designated “KTH”), with legal domicile Brinellv. 8, 10044, Stockholm, Sweden, and represented by its Rector, Prof. Anders Söderholm or by one of his delegates.

Together named “the Parties”.

Provided that

- both Universities are interested in establishing a long-term collaboration and a cultural exchange partnership;
- the Italian Ministerial Decree “DM 270/04” allows Italian universities to jointly grant degrees (2nd cycle) with other foreign universities;
- the Swedish Higher Ordinance for the requirements for the Master’s degree and KTH guidelines for Dual Master-exchange;
- on May 11th 2015 the Parties signed an Agreement of Interuniversity Cooperation for the granting of a second cycle double degree in Aerospace Engineering effective for a period of 5 years, from cohort enrolled in academic year 2014/2015 until the cohort of students enrolled in academic year 2018/2019;
- on October 31th 2019 the Parties agreed to renew the Agreement by exchanging notes, effective for another period of 5 years, from cohort

enrolled in the a.y. 2019/2020 until the cohort enrolled in the a.y. 2022/2023;

- both Universities are now interested in continuing their collaboration with the signature of a new cooperation agreement for the award of a second cycle double degree in the field of Aerospace Engineering;
- the Department of Industrial Engineering of the University of Bologna and the Department of Aeronautical and Vehicle Engineering in the School of Engineering Sciences at KTH have a common interest in creating an integrated study programme in the field of Aerospace Engineering, by which enrolled students of both Universities will be able to get a double degree qualification;
- both Universities, with their resources and funds and in accordance with the law and regulations of their respective country, shall collaborate and host all students, faculty members and administrative staff who participate in the mobility programme as described in this Agreement;

It is agreed and stipulated as follows:

Art. 1 - Preamble

Preamble and Annexes are an integral part of this Agreement.

Art. 2 – Objective of the Agreement

The Parties agree to establish an integrated study programme which provides for the exchange of applicant students for a period of two semesters, at the end of which both Universities will grant a second cycle degree: Laurea Magistrale in Aerospace Engineering of University of Bologna and Master Degree in Aerospace Engineering of KTH.

Art. 3 - Students

3.1 Students Exchange

The exchange should be balanced and involve an equivalent number of students from both Universities, over the duration of the cooperation, where possible.

Both Universities agree that the number of participating students will not be more than 5 (five) units from each university per academic year. Parties shall be able to jointly agree a higher number of participants upon a notice exchange between the Parties.

All exams included in the learning agreement described in article 4.1 that are successfully passed at the host partner University by each student participating in the programme, shall be automatically recognized by the home University. Students involved in the mobility programme shall also enjoy the benefits and shall be likewise subject to the regulations and norms which are in force in the Universities concerned by the programme.

3.2 Application and Selection of students

Applications for admission must be sent to the International Office of KTH and to the Department of Industrial Engineering of University of Bologna and arrive at the host institution by April 17th. Acceptance letters should be mailed directly to the students by June 1st. The Relevant Office of each institution will also be informed of its students' final admission by June 1st.

Applications must include a completed application form, a preliminary study plan, a curriculum vitae, a transcript of the student's records, including courses and marks, a letter of intent from the student, and a letter of confirmation from the sending institution stating that the candidate has been nominated for this particular exchange program.

Students admitted to the double degree programme will be selected by each University by means of an appropriate committee integrated with a member of

the partner institution, according to the criteria and modalities of the degree programmes of both institutions which will be agreed by the relevant degree programme activated at both partner Universities. Students are selected and admitted to the Programme based on their academic results, prerequisite requirements, motivation and language skills.

3.3 Enrolment and Mobility

(a) Students from University of Bologna

Students from the University of Bologna who want to attend the integrated study programme in Aerospace Engineering have to be regularly enrolled at the degree programme Laurea Magistrale in Aerospace Engineering, must have an adequate knowledge of the English language (at least a B2 Level, according to the Common European Framework of Reference for Languages, or one of its recognised equivalents) and must be entitled of a valid visa or residence permit.

Students shall be transferred to KTH in order to attend the teaching activities offered within the second year of the Master in Aerospace Engineering, in accordance with the correspondence table annexed to the present agreement (Annex 1). The standard study path is one academic year at KTH as described in the correspondence table annexed to this agreement (Annexes 1 and 2). The student must earn no less than 60 ECTS, included the final thesis. The number of credits earned at UNIBO and KTH must sum up to at least 120 ECTS.

Students obtain the degree from KTH after presenting their final thesis to the KTH examiner (art. 4.2) who will consult with the Italian examiner, also regarding the relevant evaluation, necessary in order to get the Italian diploma. The evaluation of the thesis awarded by the two examiners will contribute to the Italian final grade expressed in 110/110 which, according to the Italian

rules, will consider the overall student performance and the specific grade obtained for the thesis.

(b) Students from KTH

Students from KTH who want to attend the integrated study programme have to be regularly enrolled at the degree programme Master in Aerospace Engineering, must have an adequate knowledge of the English language (at least a B2 Level, according to the Common European Framework of Reference for Languages, or one of its recognised equivalents) and must be entitled of a valid visa or residence permit.

Students shall be transferred to UNIBO in order to attend the teaching activities provided by the second year of the degree programme Laurea Magistrale in Aerospace Engineering.

The standard study path is 60 ECTS at UNIBO as described in the correspondence tables annexed to this agreement (Annexes 1 and 2) and the student must earn no less than 60 ECTS, included the final thesis. The amount of credits earned at UNIBO and KTH must sum up to at least 120 ECTS.

At UNIBO the Commissions in charge of the final examination will include KTH and UNIBO examiners, who must have previously participated into the integrated study programme of each University.

3.4 Exemption from university admission fees

Students will remain enrolled in their home university during the mobility period.

Students participating in the mobility programme shall be exempted from paying university admission fees at the host University, except for the degree granting fee if required.

All other charges, including health insurance, shall be borne by the students themselves.

3.5 Control of results

At the end of the academic year, the host institution shall deliver to the home institution a copy of each student's transcript in English. The Parties agree that exams shall be graded and credits shall be awarded according to the rules of the institution where the exam is carried out.

3.6 Services offered

Students participating into the mobility programme shall benefit from all services offered by the host University to its regular enrolled students.

3.7 Fellowships

Each University can grant the available fellowships to their students who intend to participate into the study programme, on the basis of a proper selection procedure.

Art. 4 – Didactics

4.1 Study programme

The common integrated study programme shall be attached to this Agreement (correspondence tables Annex 1).

The study programme shall cover all the period from the beginnings of study to the last exams, to include the degree.

Exams and study period duration shall be organized in a balanced form and shall find justification and validation in both partner Universities, according to the provisions of this agreement and to bonds included in the attached study programme.

It can be modified by mutual consent between the Parties to no detriment of students already enrolled.

In addition, the study programmes will be individually defined for each student participating in the double degree programme, according to the correspondence table, by drawing up specific learning agreements based on a preliminary analytic recognition of the studies carried out at the home university. This is needed to ensure that the study program meets the requirements for awarding the degree qualification by each partner university. By means of the recognition, it will be verified which teaching activities can be considered replaced by the studies carried out and, by means of the learning agreement, it will be defined which activities have to be carried out during the period of stay at the host university, as well as their correspondence at the partner university.

The learning agreement must be established and signed by the responsible Proposing Programme Directors from the partner universities of both institutions prior to arrival at the host institution and it may be revised at any time in written form.

4.2 – Final Degree Project

The final degree project is carried out and discussed at the host institution, where students attend the 4th semester.

For each student participating in the integrated study programme both institutions nominate one examiner for the final degree project, who is responsible for the arrangement of topic and subject area of the project.

The subject of the final degree project must always receive an advance approval in writing from the nominated examiner of the host as well as the home institution and the final degree project is carried out under the supervision of the examiner of the host institution.

The total workload for the final degree project (master's thesis) should fulfil the requirements at each institution; at both UNIBO and KTH it corresponds to one semester of full-time studies, the equivalent of 30 ECTS credits.

4.3 Use of ECTS for credits transfer and grading system

The Parties agree to use the ECTS credit units and grading system. The table of conversion of grading systems applied at Partner Universities is annexed to this agreement (Annex 3). The Annex 3 may be yearly reviewed, according to the provision in article 14, on the basis of the average percentage of grades at each Party.

4.4 Award of the degree qualifications

Students participating in the integrated study programme obtain the degree qualification - Laurea Magistrale/Master - at the university where they defend the final dissertation and they can require the award of the degree at the other partner university on the basis of the related correspondence table annexed to this agreement, by submitting the relevant academic documentation as soon as the article 3.3 has been fulfilled. References offices for students participating in the double degree programme are listed in the Annex 4 to this Agreement.

Art. 5 – Exchange of faculty members and administrative staff

5.1 Exchange modalities

Both Universities shall regulate the reception and employment of faculty members and administrative staff participating into the mobility programme under this Agreement, in conformity with the law and juridical rules in force in the country concerned under the exchange.

Personnel concerned under this Agreement will continue to comply with the contractual obligations with the home University and will continue to receive the due remuneration and to benefit from the rights they are entitled of for their

juridical position, according to the legislative norms existing in the home country.

In any case, the home University shall consider the duration of the stay as ordinary service period for all purposes.

5.2 Activities for teachers and administrative personnel

Faculty members and researchers can hold courses and lectures, carry out tutorship activities, participate in seminars, be part of exam, final thesis and doctorate commissions at the partner University, and take part into research activities and meetings for student exchange programme planning, evaluation and development, held at the partner University.

The administrative staff will have the possibility of participating in meetings for student exchange programme planning, evaluation and development and will be able to carry out special visits in order to analyse the management systems operating at the partner University.

The Parties agree that all the financial agreements will have to be negotiated and will depend on the availability of funds. For the expenses concerning the mobility of teaching staff members and research fellows, each university will cover all the costs for their own professors and research fellows according to the availability of Erasmus Plus Programme funds or other funds for research. During their period at the hosting University, the faculty members and the researchers participating in said exchange, to carry out the above-mentioned activities, shall be considered as staff “on a mission” abroad.

Art. 6 - Insurance requirements

UNIBO states that its respective regularly admitted students and its teaching and administrative staff will be insured against any accidents that they may suffer during their period of stay abroad for the activities concerned by this

Agreement and that they are insured for legal liability against damage which they may involuntarily cause to third party (people or their properties).

KTH requires that for the period of their stay at KTH UNIBO students should have insurance covering travel and health care costs.

UNIBO students are responsible for taking out the above-mentioned insurance and they are requested to provide relevant insurance documents at the time of their registration at KTH.

At the time of their registration at UNIBO, students from KTH will be requested to provide for the relevant documents regarding health insurance and adequate insurance against accidents that they may suffer during their stay abroad, for the activities under this Agreement, and for the civil liability for damage which they may involuntarily cause to third parties (people or their properties).

KTH students and teaching and administrative staff are responsible for taking out the above mentioned insurances.

Art. 7 – Prevention and security

Both parties shall supply each mobility programme participant with detailed information about the specific risks existing in the work environment in which they will operate and carry out their function and with necessary documentation about the prevention and emergency security measures and provisions in force in relation to their activity and about the individuals/subjects in charge of this, in conformity with the legislative norms and regulations in force in the country of the hosting University.

Art. 8 – Use of name / Logo

Each party may use the logos, names and other marks of the other party only in connection with the programme. Each party anticipates the other party's

participation in press announcements, marketing and other reasonable promotional activities involving the double-degree programme through the appropriate use of the logos, names and marks of the parties. The use of the logo should get approval from the other Party in advance.

Art. 9 - Intellectual Property

Each of the parties acknowledges and agrees that any and all of the Intellectual Property Rights or other proprietary rights in respect of any literature, materials, research or teaching methods, procedures, processes and/or the learning experience in relation to or in connection with the Programme and any parts thereof, are and shall remain the sole property of its owner and, save as expressly set out herein, nothing in this Agreement is intended to transfer ownership or create any licensed rights under any such Intellectual Property Rights or other proprietary rights.

The learning materials and any other literature, materials, research methods, procedures, processes or programmes in which a party has Intellectual Property Rights relating to or in connection with the Programme and which are disclosed to the other party pursuant to this Agreement may be used by the other party solely for the purposes of performing its obligations under, and during the period of, this Agreement and for no other purpose.

Art. 10 – Other activities

The Parties can extend the cooperation agreement for other purposes beyond the student exchange. Further cooperation projects, including intensive courses, distance teachings, joined researches, organization of seminars, symposia, and interviews on common interest topics and all other activities consolidating the cooperation, will be encouraged by both parties. These

projects will be subject to specific addenda to this Agreement document, which will be stipulated by both parties.

Both parties agree to promote this programme in their catalogues and websites. All costs will be maintained by the individual institutions, unless otherwise specified in writing and agreed upon by the Parties.

Art. 11 – Evaluation of the programme

Each of the Parties implements its own internal quality assurance system for its degree programmes.

The Parties will consult each other when appropriate, but at least once a year, in order to evaluate the programme development, to draw up a report about the ongoing initiatives and to elaborate other cooperation programmes.

Art. 12 - Academic and administrative representatives

Each institution will nominate an academic representative and an administrative reference for the Programme. These representatives will be responsible for following the Programme and for ensuring that measures are taken in accordance with this Agreement. The representatives will provide advisory and other academic and administrative services to students participating under this Agreement. Names and contact details of these representatives are in an appendix to this Agreement (Annex 4), as well as the reference offices for students participating in the double degree programme.

Art. 13 – Controversies

In the event of any controversy arising from this agreement the Parties will endeavor to resolve the matter amicably and in good faith.

Art. 14 – Duration of the Agreement

This Agreement will operate from the last date of signing and will be effective for a period of five years from academic year 2023/2024 (the last cohort of

students will enroll in a.y. 2026/2027). This Agreement may be extended by mutual written agreement between the Parties.

This Agreement may be terminated at the request of either party provided that a minimum of six months' prior written notice is given to the other party to enable satisfactory arrangements to be put in place for existing Students, and those to whom an offer of a place on the Programme has been formally made. Both parties shall be equally responsible for such arrangements. Any modification or termination of the Agreement shall be carried out in such a way as to ensure no damage for the participants in the programmes already underway.

The Annexes can be modified by mutual consent between the Parties in writing by means of an exchange of official notes, to no detriment to the students already enrolled.

Art. 15 – Copies and language

This Agreement is subscribed in 2 identical originals in English language.

Art. 16 Description of the Annexes

Annex 1 describe the integrated study programme.

Annex 2 lists the optional exams for all students participating in the study programme.

Annex 3 Table of conversion of grading systems.

Annex 4 indicates the reference offices for students participating in the integrated study programme, the academic representatives and the administrative references for the Programme.

Bologna, date

Alma Mater Studiorum – Università di Bologna

Professor Giovanni Molari, Rector

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Stockholm, date

KTH

Professor Prof. Anders Söderholm, Rector or by one of his delegates

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Annex 4

Academic representatives and administrative referents for the Programme

<p>UNIBO Academic representative Prof. Fabrizio Giulietti Via Fontanelle 40, 47122 Forlì (FC) Ph. +39 0543 3 74424 Email: fabrizio.giulietti@unibo.it</p> <hr/> <p>Prof. Alessandro Talamelli Via Fontanelle 40, 47122 Forlì (FC) Ph. +39 0543 3 74423 Email: alessandro.talamelli@unibo.it</p> <hr/>	<p>UNIBO administrative referent Ms Giulia Chiadini Forlì Campus Student services Via Montaspro 97, 47122 Forlì (FC) Ph. +39 0543 3 74416 Email: didatticaforli.ingstudenti@unibo.it giulia.chiadini2@unibo.it web: www.unibo.it/AerospaceEngineering</p> <hr/>
<p>KTH Academic representative Responsible AeroSpace Master Program Prof. Raffaello Mariani E-mail rmariani@kth.se Telephone +46 70 191 81 57 Link https://www.kth.se/profile/rmariani</p> <hr/>	<p>KTH administrative referent International Coordinator Ms. Ann RosanderE-mail arosan@kth.se Telephone +46 8 790 64 29 Link www.kth.se/profile/arosan/</p> <hr/>

Reference offices for students participating in the double degree programme

<p>KTH reference office: Ms. Elin Wiljergård International Coordinator KTH Royal Institute of Technology School of Engineering Sciences</p> <p>Teknikringen 8, SE-100 44 Stockholm, Sweden Phone: +46-8-790 7163 elinwil@kth.se, www.kth.se</p>	<p>UNIBO reference office: University of Bologna, Forlì Campus Ufficio Relazioni Internazionali - URI Padiglione Melandri - Piano Terra Piazzale Solieri 1, 47121 Forlì (FC) Tel. +39 0543 3 74847 Fax +39 0543 3 74801 e-mail: campusforli.uri@unibo.it web:http://www.unibo.it/it/campus-forli/servizi-di-campus/ufficio-relazioni-internazionali-uri</p>
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