



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

DUAL DEGREE AGREEMENT BETWEEN

- **Master in Applied Telecommunications Engineering and Management (MASTEAM)**, EETAC, Universitat Politècnica de Catalunya (UPC), Castelldefels, Barcelona, Spain, <http://eetac.upc.edu/en/study/masters-degrees/masteam>, and
- **ICT-related masters (see detailed list later)**, Cranfield University, Cranfield, Bedfordshire, United Kingdom, <https://www.cranfield.ac.uk/>

Starting from the 2016/17 academic year, students from UPC's Telecommunications Engineering master MASTEAM with a good academic record and a good level of English (see details in the agreement attached) can opt for a dual degree and obtain two master degrees in just 2 years.

The Cranfield master degrees to which MASTEAM-UPC students can apply are:

- Digital Signal and Image Processing
<https://www.cranfield.ac.uk/courses/taught/digital-signal-and-image-processing>
- Autonomous Vehicle Dynamics and Control
<https://www.cranfield.ac.uk/courses/taught/autonomous-vehicle-dynamics-and-control>
- Knowledge Management for Innovation
<https://www.cranfield.ac.uk/Courses/Taught/Knowledge-Management-for-Innovation>
- Automotive Mechatronics
<https://www.cranfield.ac.uk/courses/taught/automotive-mechatronics>
- Software Engineering for Technical Computing,
<https://www.cranfield.ac.uk/courses/taught/software-engineering-for-technical-computing>
- Computed Aided Engineering
<https://www.cranfield.ac.uk/courses/taught/computer-aided-engineering>
- Geographical Information Management
<https://www.cranfield.ac.uk/courses/taught/geographical-information-management>
- Aerospace Computing (new program, description not available as of October 2016).

For MASTEAM-UPC students, the itinerary is:

- During the first year, students must pass 60 ECTS credits of MASTEAM courses, excluding the Master Thesis. It is important to note that if a student carries out the Master Thesis, his/her studies are completed and he/she cannot access the double degree.
- The second year is spent at Cranfield, taking the second year courses of the master, plus the Master Thesis and the Internship period. At Cranfield, courses typically take from October to March, and the master thesis from April to September.

Students must apply for admission in the dual degree program in the same period that EETAC Bachelor Degree students apply for mobility agreements (January-February, to start the second

year at Cranfield in September). Therefore, MASTEAM students have to apply at the end of the first semester of the program.

For Cranfield students, the itinerary is:

- First year is spent at Cranfield (60 ECTS) taking the first year courses.
- Second year is spent at Barcelona (60 ECTS), including 15 ECTS of mandatory courses, 33 ECTS is optional courses, and 12 ECTS as Master Thesis.

Students should contact Cranfield's mobility coordinator in order to know the application periods.

AGREEMENT

Between Cranfield University and Universitat Politècnica de Catalunya

Cranfield University (Cranfield)	Universitat Politècnica de Catalunya (UPC)
Cranfield, Bedfordshire, UK MK43 OAL	C. Jordi Girona, 31 08034 Barcelona, SPAIN
represented by the Pro Vice-Chancellor - Regional & International Affairs Professor Simon Pollard	represented by the Rector Professor Enric Fossas Colet
in accordance with: the University's Charter	in accordance with: the University's Charter

- Considering
 1. the relations established between UPC and Cranfield
 2. the wish expressed by the authorities of both institutions to establish regular collaboration in fields of common interest
 3. the advantages of such a collaboration for promoting teaching and research as well as for the further training of professors, scientists and students

This Agreement has been concluded in the following terms:

- In respect of students from UPC:

This Agreement shall only be applicable to MSc students from the following UPC Schools and Faculties:

- Escola Tècnica Superior d'Enginyeria Industrial de Barcelona (ETSEIB)
- Escola d'Enginyeria de Telecomunicació i Aeroespacial de Castelldefels (EETAC)
- Escola Superior d'Agricultura de Barcelona (ESAB)
- Escola Superior d'Enginyeries Industrial, Aeroespacial i Audiovisual de Terrassa (ESEIAAT)

Students who have successfully completed five years of post-18 study are eligible to apply for direct entry to Cranfield Master of Science programmes.

The candidates must be competent in English (with a minimum score of 92 in the internet based TOEFL test or 800 in TOEIC or 6.5 in IELTS or a pass at Cambridge CAE and must be recommended by the International Coordinators of the above listed UPC Schools/Faculties. The students will be registered for Cranfield MSc degrees.

On successful completion of the Masters programme, the students will be awarded the Cranfield MSc credits earned at Cranfield can be transferred to the

UPC. The recognition mechanism should be clarified with the relevant UPC School/Faculty before the student starts the MSc programme at Cranfield.

In respect of enhancing interinstitutional co-operation

Further objectives of the collaboration are to enhance the research and teaching capabilities of the two institutions and so develop complementary activities which both meet national requirements and add to their international reputation. In certain cases, the expertise lacking in one of the two institutions exists in the other and could be made available to the advantage of both organisations and countries.

Duration

This Agreement covers a period of four years from the date of its signing. Thereafter, it will be renewed automatically except if one of the parties gives notice of termination at least six months prior to the date at which it wishes to end the convention. In the event of early termination students already registered for MSc courses at Cranfield shall be able to complete them.

Validity

This Agreement entered into in good faith by both Parties on the basis that it is a fair and honest statement of intentions and that it has no validity as a binding contract under Law or Equity in any legal system. Nothing in this Agreement will be construed as creating a legal partnership or joint venture. Neither of the Parties will represent itself as being an agent of the other and neither of the Parties is authorized to commit the other.