



MEMORANDUM OF UNDERSTANDING
between
THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY
and
THE UNIVERSITAT POLITÈCNICA DE VALÈNCIA

The UNIVERSITAT POLITÈCNICA DE VALÈNCIA (hereinafter referred to as the UPV) with CIF Q4618002B, created with university status under Decree 495/1971 of 11 March (BOE of March 26, 1971), with registered office in Camino de Vera, s / n, Valencia (Spain), and on its behalf Mr. Francisco José Mora Mas, Honorable Rector of the UPV, who was appointed by Decree 65/2013 of 30 May, the Consell de la Generalitat, and by virtue of the statutory article 53-d of the Statute of the UPV, approved by Decree 182/2011 of 25 November, the Consell

and the University of Texas Rio Grande Valley (UTRGV), with registered office in 1201 West University Drive, Edinburg, Texas 78539 (USA), and on its behalf Mr Havidán Rodríguez, PhD Provost and Executive Vice President for Academic Affairs

PURPOSE

The purpose of this Memorandum of Understanding (MOU) between the University of Texas Rio Grande Valley (UTRGV) and the Universitat Politècnica de València (UPV) (the Parties) is to formalize an agreement between the Parties through which UPV will offer a doctoral program in industrial engineering to UTRGV students in compliance with the rules and regulations of the University of Texas System and the applicable requirements of the Texas Higher Education Coordinating Board (THECB) and the appropriate governing authority at UPV. Important expected outcomes of this MOU are that the respective graduate engineering programs of the Parties will be broadened and strengthened and the opportunities available to students who enroll in these programs will increase. The program falls under the cooperative (or extended) doctoral program designation by the THECB.

TERMS AND CONDITIONS

1. For purposes of this MOU and the requirements of THECB and UPV governing authority, UPV will be the degree granting institution (DGI) and UTRGV will be the cooperating institution (CI). For purposes of this MOU, DGI and CI will have the meanings set forth in the THECB Rules addressing what are defined as Cooperative



Nº reg. 016/614



Doctoral Programs, outlined in “Guidelines for Developing Collaborative Doctoral Programs”, as described at: <http://www.thecb.state.tx.us/index.cfm?objectid=5043BB02-FA48-F6C3-142BD3C39D381363&flushcache=1&showdraft=1>

2. The CI may offer courses previously approved for existing programs: e.g., master’s level courses in education, engineering, business, social sciences, or other disciplines.
3. A CI faculty member may teach DGI doctoral-level courses as approved by the Graduate Studies Committee if the DGI, through its regular process, approves the faculty member to be a graduate faculty member of the DGI and a member of the Graduate Studies Committee.
4. Students may satisfy residency requirements on either campus,
5. The set tuition is to be determined prior to the admission of students.
6. Degrees must be awarded by and in the name of the DGI, with notation of the CI participation in case of thesis co-direction (co-tutela).

FACULTY

1. Qualified CI faculty may be appointed as DGI adjoint faculty according to DGI regular procedure. This appointment will be solely for the purposes of the cooperative doctoral program, allowing said adjoint faculty to fill the following roles.
 - a. Adjoint faculty will participate in the direction of thesis and research work of students enrolled in the program.
 - b. The chair or co-chair of each dissertation committee must be DGI faculty. CI faculty (with Adjoint status) may serve as chair or co-chair with a DGI faculty member.
 - c. Such adjoint faculty will not participate in internal departmental decisions of the DGI, i.e. regarding tenure of faculty, selection of chairs, or any other internal departmental activity reserved to DGI faculty.
2. Doctoral-level training may be offered by the DGI on the CI’s campus, taught by qualified CI faculty in their capacity as DGI adjoint faculty. These courses will count towards the DGI’s program requirements for training taken in residence. In addition, CI doctoral level courses, upon approval of the DGI, may be taught by CI adjoint faculty at the CI.

ATRICATION AND ACADEMIC PROGRAM

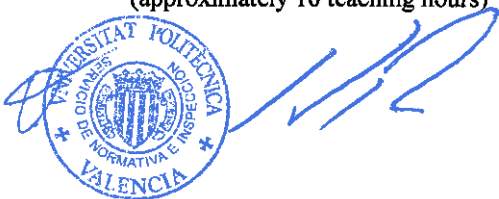
1. Students enrolled in the cooperative program must satisfy all requirements of the DGI’s doctoral program, including course requirements, thesis requirements, diagnostic/qualifying examination, and comprehensive examination.





2. The following academic sequence is designed to ensure that students meet the requirements of the DGI's doctoral program while allowing them to take courses and pursue research at the CI: it parallels the DGI's Bachelors-to-Ph.D. track.
 - a. Students can apply to the cooperative doctoral program having completed a minimum of five years of higher education (equivalent to 300 ECTS¹) with at least one year at the master's level, allowing enrolment in doctoral programs in their home countries.
 - b. Students may apply to the program before the completion of their master program, although in this case, their acceptance will be conditioned to the finishing of their studies.
 - c. The acceptance of the student will be done by the Academic Commission of the Doctoral Program at the DGI.
 - d. Following admission to the DGI, students will satisfy the remaining master's coursework, thesis, and research requirements by taking DGI training at the DGI campus, DGI training provided at the CI campus via distance learning technology, or DGI training taught at the CI campus by CI faculty in their capacity as adjunct faculty of the DGI.
 - e. The DGI will accept equivalent CI training required by the program. The DGI and CI will work to ensure that these training is comparable at the DGI and CI.
 - f. Students must stay at the DGI for a minimum of 12 months working with the DGI thesis supervisor.
3. In addition to being available remotely, online to students, the following CI training will count as satisfying the corresponding core course requirement of the DGI's doctoral program as listed below.
4. In order to increase the breadth of the training available to all doctoral students, some courses taught at either the DGI or CI may be made available to the other institutions via distance learning technologies. Such courses will be cross-listed at both institutions and will be available both to students in the cooperative doctoral program and to students in the institutions' individual degree program.

¹ European Credit Transfer and Accumulation System. One ECTS is equivalent to 25-30 student working hours (approximately 10 teaching hours)





Core Group	UTRGV Courses	Corresponding UPV Courses
Group 1 Core	N/A	Scientific Communication: High Standards For Scientific Production And Communication
	N/A	Scientific documentation
	N/A	Outreach strategies for Researchers
	N/A	Research Ethics
	N/A	The Research career
	N/A	The protection of research results: Intellectual Property Protection and Other Systems
Group 2 Core (+core groups as needed)	N/A	Knowledge transfer
	EDRE 8302 Quantitative Research QUMT 6310 Business Research	Methodologies for Research
	EDRE 8300 Introduction to Research Methods MARK 8313 Qualitative Research Methods	Qualitative Research Methods in Social Sciences and Humanities
	QUMT 6303 Statistical Foundations MATH 6364 Statistical Methods MATH 6365 Probability and Statistics	Mathematical Statistics and Research Methods: Introduction to Statistics for Research Techniques
	MATH 6382 Statistical Computing	Statistics and Mathematical Methods for Research: Numerical Methods with MATLAB
	N/A	Computer Research Tools: Composition of documents and high-quality presentations with Latex
	MATH 6374 Numerical Analysis	Computer Tools for Research: Scientific Computing
	ENTR 3340 New Venture Creation	Entrepreneurship: Entrepreneurship and Creating Start-ups
	QUMT 8312 Experimental Design & Analysis	Applied Research Methodology

MANAGEMENT CONSIDERATIONS

1. Students are considered to be MS students of the CI until being admitted to the DGI after completing their MS program requirements. CI students residing in Spain at the DGI are considered DGI students for the period of stay.
2. Admission to the DGI of students in the cooperative program will be on the basis of merit, irrespective of the race, ethnicity, or nationality of the applicant.
3. Both the DGI and CI may cite the cooperative program in publicity releases, advertisements, recruiting materials, grant proposals, and similar institutional promotions.
4. This MOU may be terminated by mutual consent, or either institution may terminate this MOU with one (1) year's written notice to the other party. However, graduate students admitted to the CI who pass the DGI doctoral program's qualifying examination during the notification period



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will be allowed to complete the program under the terms of this MOU. The qualifying examination will be taken by students who have completed the doctoral program, being only pending the completion and defense of the dissertation. Therefore, students falling under the agreement will be allowed to complete their degree even if this agreement ends.

ACCEPTANCE

The terms and conditions of the agreement between UTRGV and UPV, as set forth in this MOU, are hereby accepted:



Universitat Politècnica de València

Francisco José Mora Mas
Rector

The University of Texas Rio Grande Valley

Havidán Rodríguez, PhD
Provost and Executive Vice President for
Academic Affairs

In Valencia October 3, 2016

