



VNIVERSITAT
DE VALÈNCIA



Università
degli Studi
di Palermo

Specific agreement n°1

between

Universitat de València (UV) and Università degli Studi di Palermo (UNIPA)

implementing the

Double Degree Programme

Bachelor's Degree Business Intelligence & Analytics (UV)

and

Bachelor's Degree Statistica per l'Analisi dei Dati (UNIPA)

between

Università degli Studi di Palermo,

established in Palermo, in Piazza Marina n. 61, postal code 90133 and VAT number 80023730825, and represented herein by its rector, Prof. Massimo Midiri (Appointment Decree of the Minister of University and Research R 0001151.12-10-2021)

and

La Universitat de València, Estudi General,

established in Valencia, in Avenue Blasco Ibáñez, number 13, postal code 46100 and CIF Q4618001-D and represented herein by its rector, Prof. M^a Vicenta Mestre Escrivà, acting by virtue of Article 94 of the Statutes of the Universitat de València, which were approved by Decree 128/2004, of 30 July, of the Consell de la Generalitat (DOGV 2004/8213), amended by Decree 45/2013, of 28 March, of the Consell (DOGV 2013/6994) and entitled to enter into this agreement by virtue of her appointment by 25/2022, of 11 March, of the Consell (DOGV 2022/9297).



PREAMBLE

The Double Degree Programme in Business Intelligence & Analytics (Bachelor's Degree at Universitat de València) and in Statistica per l'Analisi dei Dati (Bachelor's Degree at Università degli Studi di Palermo) (hereinafter Double Degree Programme) aims at producing highly qualified professionals for the fields of Business, Statistics and Data Sciences by combining the special expertise of University of Valencia and University of Palermo in the field.

ART. 1 OBJECTIVE OF THE COOPERATION, PARTNERS, NAME OF DOUBLE DEGREE PROGRAMME

1. Università degli Studi di Palermo (Italy) (hereinafter UNIPA) and Universitat de València (Spain) (hereinafter UV) intend to establish a lasting and mutually beneficial cooperation. The aforementioned Universities (hereinafter Partners, Partner Institutions or Universities) agree to establish the Double Degree Programme in Business Intelligence & Analytics (Bachelor's Degree at Universitat de València) and in Statistica per l'Analisi dei Dati (Bachelor's Degree at Università degli Studi di Palermo).
2. This cooperation agreement defines the aims and the contents of the Double Degree Programme as well as the rights and obligations of the Partners.
3. Successful graduates of the Double Degree Programme obtain the following degrees:
 - UNIPA: Bachelor's Degree in Statistica per l'Analisi dei Dati + 1st year certificate (Transcript of Records) of Master's Degree in Statistics and Data Science awarded by Università degli Studi di Palermo
 - UV: Bachelor's Degree in Business Intelligence & Analytics awarded by Universitat de València

ART. 2 LEGAL FRAMEWORK

1. This agreement is signed on the following basis:

Università degli Studi di Palermo:

1 General Regulations:

Ministerial Decree No. 270 of October 22, 2004, as amended and supplemented.

Statuto dell'Università degli Studi di Palermo - D.R. n. 2589 del 03/06/2022 (published in G.U.R.I. n. 138 del 15/06/2022 and in the Official University Register at no. 1821 of 06/16/2022, in force from 06/30/2022).

2 Specific Regulations of the University of Palermo:

University Teaching Regulations - R. D. No. 341 of 05/02/2019 (published in the Official University Register at No. 192 of 05/02/2019)



University regulations for international programs: double degree, joint degree and integrated study pathway - R. D. no. 4226 of 28/11/2014

Didactic Regulations of the Bachelor's Course in Statistica per l'Analisi dei Dati (pursuant to D.M.270/04). Resolution of the Interclass Council in Statistics dated 16/07/2020

Universitat de València

- Organic Law 2/2023, of 22 March, on University System;
- Royal Decree 822/2021, of 28 September, which establishes the organisation of university education and the procedure for quality assurance;
- the Statutes of the Universitat de València, approved by Valencian Government Decree 128/2004, of 30 July 2004, and other applicable regulations.
- Regulations governing collaboration agreements for the establishment of double degree programmes for university master's degrees (approved by the Governing Council of the Universitat de València on 28 October 2014. ACGUV 182/2014) or Criteria for the approval of double degree programmes (approved by the Governing Council of the University of Valencia on 27 July 2010. ACGUV 158/2020)

The Double Degree Programme will be implemented in the observance of the respective national and State or Federal laws and regulations in force in Partners' Institutions countries, in particular the Higher Education Acts.

2. It is agreed that the study programmes on which the Double Degree Programme is based, have to be certified or accredited at each Partner by the relevant authorities.
3. The Partners confirm to be authorized to award a degree based on an international Double Degree Programme.

ART. 3 DOUBLE DEGREE PROGRAMME STRUCTURE, DURATION

1. Students start the Degree Programme either at Università degli Studi di Palermo or Universitat de València (home university).
2. The Double Degree Programme offers courses at the two Partner Universities, with the following distribution :
 - The *Universitat de València* students will start the Double Degree Programme at the moment they are enrolled in Year 3 of the Bachelor's Degree in Business Intelligence & Analytics. They will study the first and second year (120 ECTS) in the home university and the third and fourth year (60 + 60 ECTS) in the host university:
 - First and second year: Bachelor's Degree in Business Intelligence & Analytics at UV.
 - Third year: Bachelor's Degree in Statistica per l'Analisi dei Dati at UNIPA. At the end of the third year, they will have to award all the ECTSs of the Bachelor's Degree.
 - Fourth year: Master's Degree in Statistica e Data Science at UNIPA (1st year).



- The *Università degli Studi di Palermo* students will start the Double Degree Programme at the moment they are enrolled in Year 3 of the Bachelor's Degree in Statistica per l'Analisi dei Dati, having achieved at least 90 ECTS at the time of the mobility. They will study the first and second year (120 ECTS) in the home university and the third and fourth year (120 ECTS) in the host university:
 - First and second year: Bachelor's Degree in Statistica per l'Analisi dei Dati at UNIPA.
 - Third and fourth year: Bachelor's Degree in Business Intelligence & Analytics at UV.
 - In their third year, they will have to pass the Final Examination in Palermo in order to obtain the UNIPA Degree and subsequently enroll themselves in the UNIPA Master's Degree in Statistica e Data Science.
3. During the course of the second year, UV and UNIPA students will apply for the admission to the Double Degree Programme. Selected students will spend their third and fourth years at the Partner university.

ART. 4 MANAGEMENT OF THE DEGREE PROGRAMME

1. Each University appoints a Local Academic Coordinator. The following persons are appointed as Local Academic Coordinators:
 - Università degli Studi di Palermo: Prof. Mariangela Sciandra, Department of Economics, Business and Statistics.
 - Universitat de València: The Mobility Coordinator of Bachelor's Degree Business Intelligence & Analytics, Faculty of Economics
2. The Local Academic Coordinators
 - are responsible for the implementation of the cooperation agreement at her/his their University;
 - attend to the didactic and administrative coordination with the Partners;
 - nominate the students after the selection;
 - follow the participants from their own University, advising them on their plan of studies and remaining in contact with them for the entire duration of the Double Degree Programme;
 - welcome the students of the Partner at their University and advise them on their studies during their stay;
 - are responsible for the quality control of the Double Degree Programme.
3. Decisions by the Local Academic Coordinators must be unanimous.
4. The Local Academic Coordinators meet at least once each year (even virtually).

5. The Local Academic Coordinators are supported in the day-to-day activities by technical, managerial and administrative personnel and services at each University. The technical, managerial and administrative personnel and services:
- are the principal contact persons for prospective and enrolled Double Degree Programme students, this includes the process of selection and admission of students, e.g. in case of student complaints;
 - guarantee correct administrative management of the Double Degree Programme.

ART. 5 STUDENT SELECTION, STUDENT ADMINISTRATION, STUDENT STATUS

1. Double Degree Programme candidates must fulfil the following admission requirements:
 - Students from Universitat de València, who intend to opt for the Double Degree Programme
 - a) must be regularly enrolled in the Bachelor's Degree in Business Intelligence & Analytics at Universitat de València;
 - b) after the admission to the Double Degree Programme, they must enroll also to the UNIPA Bachelor's Degree in Statistica per l'Analisi dei Dati;
 - c) at the moment of accessing the 1st year of the Master's Degree in Statistica e Data Science, they must have awarded all the ECTSs of the third year in UNIPA
 - d) must have Italian (UNIPA Language of instruction 1) and English (UNIPA Language of instruction 2) language skills at level B1 of the Common European Framework of Reference for Languages (CEFR).
 - Students from Università degli Studi di Palermo who intend to opt for the Double Degree Programme
 - a) must be regularly enrolled in the Bachelor's Degree in Statistica per l'Analisi dei Dati at Università degli Studi di Palermo;
 - b) after the admission to the Double Degree Programme, they must enroll also to the UV Bachelor's Degree in Business Intelligence & Analytics;
 - c) they must obtain the UNIPA Degree in Statistica per l'Analisi dei Dati after having passed the Final Examination and enroll themselves at the Master's Degree in Statistica e Data Science.
 - d) must have Spanish (UV Language of instruction 1) and English (UV Language of instruction 2) language skills at level B1 of the Common European Framework of Reference for Languages (CEFR).
2. A maximum of 3 Students per year per Partner will be accepted. Parity in the number of exchange students is pursued.



3. Each Partner conducts the process of application and selection separately in compliance with the regulations of this agreement. The Università degli Studi di Palermo is committed to admit students from the Universitat de València to the 1st year of Master's Degree in Statistica e Data Science once they meet the requirements mentioned in Art. 5 clause 1.
4. The Local Academic Coordinators nominate students to be accepted to the Double Degree Programme from the pool of applicants who meet the requirements mentioned in Art. 5 clause 1. Final selection of students is to be made by following each universities student selection process. The responsibility lies at each university.
5. The Partners are committed to selecting students wishing to participate in this Double Degree Programme according to objective and specific criteria based on equality, merit and ability. Selection will be mainly based on selection criteria approved for International Relations Committee every year.
6. The Partners shall transfer all relevant details of the selected students to the other Partner Institution for the purpose of enrollment, observing the data protection regulations as laid down in Art.10. The Partners will accept the selected student for enrollment who meet the requirements set out in Art. 5, clause 1.
7. Students will be enrolled at their home university for the entire duration of the Double Degree Programme. They will enroll at the host University from the semester they start the Double Degree Programme. While being enrolled, students will maintain regular student status at both Partner Institutions.

ART. 6 ACADEMIC REGULATIONS AND EXAMINATIONS, EXAMINATION ADMINISTRATION, ACADEMIC GUIDANCE

1. The degree requirements, the expected learning outcomes of the graduates, the mobility path and the modules (name of the courses and corresponding credits) are provided as Annex I.
2. The teaching and examination languages of the Double Degree Programme are English/Spanish/Italian/Valencian. The thesis (final project) will be held in Italian for UV students and in Spanish for UNIPA students, or if preferred in English both for UV and UNIPA students.
3. During the study period, students participating in the Double Degree Programme will take part in the teaching activities of the host university as they are regularly carried out. Examinations, including the final degree projects and the final examinations, take place according to the regulations, policies and procedures of the Partner Institution conducting the examination. The participating students will be evaluated according to the same criteria and with the same methodology regularly used at the host university.
4. Credits obtained in accordance with the study plan as described in Annex I are recognized by the Partners without further validation.



5. Both Partners will use the ECTS evaluation system. Grades are converted according to the conversion table provided in Annex II.
6. Students have successfully completed the Double Degree Programme when they have passed the examinations to the courses laid out in Annex I as well as final degree projects and the final examinations in accordance with the regulations at the respective Partner University.
7. Upon successful completion of the Double Degree Programme, as regulated in the respective examination regulations of both universities, students will be awarded a degree by both universities and the Certificate (Transcript of Records) of the 1st year Master's Degree in Statistica e Data Science by the Università degli Studi di Palermo. The degree certificate of Università degli Studi di Palermo will be issued in Italian and the Certificate (Transcript of Records) of the 1st year Master's Degree in Statistica e Data Science will be issued in English, the degree certificate of Universitat de València will be issued in Spanish. The Partner Institutions will supply a Diploma Supplement each to all graduating students. The Diploma Supplement must mention that the degree was awarded within a Double Degree Programme.
8. At the end of each mobility period, each student will receive a Transcript of Records including the names of the courses, final grades and the number of credits obtained. Each Partner is responsible for issuing the Transcript of Records for their mobility period. Students have to submit the Transcript of Records at the Partner University.
9. If a student does not comply with the terms of this agreement, including the minimum length of the stay at the host university and its study programme, that student will forfeit any right to receive the Degree from the host university and will be excluded from the Double Degree Programme, although she or he may still be eligible to obtain the Degree at her or his home university.
10. Students, who have started the Double Degree program but do not wish to complete it, will be considered as mere exchange students and they will be able to obtain the degree from their home university (not from host university) once they have completed all the requirements of their home university program.

ART. 7 QUALITY ASSURANCE

1. Each Partner follows its own procedures for institutional quality control to ensure the maintenance of high quality standards.
2. The Local Academic Coordinators regularly evaluate the effectiveness of the learning programme and the results achieved by students, as well as the resources supplied by both Universities. To improve the quality of the Double Degree Programme, the Local Academic Coordinators could suggest modifications and propose them to the competent boards of both Universities.

ART. 8 STUDENT SUPPORT

1. To ensure students' quick orientation and integration in the Double Degree Programme as well as to provide detailed information about structural and examination-related requirements, the

Partners shall publish corresponding information on the faculty websites, outlining the structure of the Double Degree Programme in general terms and providing details about the Partner Institutions, an overview of procedures, the time table of the academic year and important deadlines at the Partner Institutions, and all regulations which shall apply to all students on the Double Degree Programme. The website shall be supplemented by local information provided by each Partner, including examination procedures.

2. The Partner Institutions offer Double Degree Programme students advice and orientation; these services are to be specified on the Double Degree Programme website.
3. The Double Degree Programme students will benefit from all the services offered by the Partner Institutions to other regular students and that would be necessary for their studies.
4. It is an important concern of the Partner Institutions to ensure equal opportunities. They strive to prevent any form of discrimination and to provide adequate support to persons affected by discrimination.

ART. 9 STUDENT FINANCES, INSURANCE

1. The payment of tuition fees shall be based on reciprocity. All the students participating in the Double Degree programme will pay all mandatory fees in their home institution and will be exempted from tuition fees in the host institution. Furthermore, the following fees apply:

Universitat de València

- Degree Programme students coming to the Universitat de València will have to pay administrative fees, such as the issuance of the university card, the school insurance and the opening of the file.

Università degli Studi di Palermo

- Degree Programme students coming to the Università di Palermo will have to pay administrative fees when requested.

Students who complete the Double Degree Programme covered by this agreement must pay to each university the fees for the issuance of the degree issued by each.

2. Students will be liable for all expenses (e.g. travel, accommodation, cost of living, insurances costs, textbooks) while studying at the Partner Institutions.
3. Whenever possible, the Partners shall endeavor to support student mobility by means of national or European subsidies, as well as other types of support, including FORTHEM mobility grants.
4. Students participating in the Double Degree Programme will be responsible for providing sufficient proof of insurance in order to get enrolled:

For Universitat de València



On the part of the UV, students will be covered by the school insurance and the civil liability and accident insurance policies taken out by the UV.

In the event that the school insurance cannot be applied and students are not covered by the accident policy currently maintained by the UV, said university shall be responsible for informing to students that they must take out their own medical assistance policy, an accident insurance policy and a civil liability insurance policy, which will have to cover the beneficiaries for the specific existing hazards.

For Università degli Studi di Palermo

On the part of the UNIPA, students will be covered by the civil liability and accident insurance policies taken out by the UNIPA.

In the event that the school insurance cannot be applied and students are not covered by the accident policy currently maintained by the UNIPA, said university shall be responsible for ensuring that students are covered by an accident insurance policy and a civil liability insurance policy, which will have to cover the beneficiaries for the specific existing hazards.

Moreover:

- Università degli Studi di Palermo students under 28 years of age must pay the school insurance at UV.
- Università degli Studi di Palermo students over 28 years of age must have the "European Health Insurance Card" and if they do not have it, they must take out their own health insurance, which must cover repatriation expenses.

ART. 10 DATA TRANSFER, DATA PROTECTION

The Partners process personal data in accordance with the General Data Protection Regulation (EU 2016/679). If not agreed otherwise, both universities are viewed as independent data controllers as defined by the General Data Protection Regulation, Article 4. The parties to this agreement will disclose personal data of their students and staff only to an extent which is needed for implementing educational & research cooperation and mobility in the framework of cooperative and exchange agreements.

ART. 11 PROMOTION OF THE DEGREE PROGRAMME

1. Each Partner may use the logos, names and other marks of the other Partner only in connection with the Double Degree Programme. Each Partner shall refer to the other Partners' participation in press announcements, marketing and other reasonable promotional activities involving the Double Degree Programme through the appropriate use of logos, names and marks of the Partner. Both Local Academic Coordinators validate the contents of any communication document, including information published on the websites of Partners.

The right to use the name and/or logo or any other identifying marks of the other University as described in sentence 1 is limited to the duration of the agreement.



2. The Local Academic Coordinators will make arrangements to advertise the Double Degree Programme through websites, brochures, flyers and by papers and advertisement. The Double Degree Programme will be presented at a dedicated website within the framework of the FORTHEM alliance.

ART. 12 DURATION AND VALIDITY OF THE AGREEMENT

1. This agreement becomes binding with the last Partner's signature and shall remain in effect throughout four academic years including the years 2025-2026, 2026-2027, 2027-2028 and 2028-2029. Every extension or amendment to this agreement requires written agreement and the signature from the legal representatives of the Partners.
1. This agreement may be terminated at the request of one of the Partners, provided such a request is made in writing at least 12 months before termination to become effective.

Any students who have commenced study before the date of termination may complete their studies within the Double Degree Programme.

2. An evaluation of this agreement will be initiated by the Local Academic Coordinators at least 12 months prior to its expiration. The agreement is based on long-term strategic cooperation interests from the Partners. The Partners will support and work towards the renewal and extension of this agreement to ascertain the continuation of the Double Degree Programme.
3. This Agreement is drawn up in English, and has been signed by electronic signature by the legal representatives of the Partners. Each Partner shall receive the electronic document of the agreement signed by all parties.

ART. 13, CHANGES, SEVERABILITY CLAUSE, MISCELLANEOUS

1. Each Partner may at any time ask in writing for the revision of the agreement. All amendments and additions to this agreement, including the Annexes which shall form an integral part of this cooperation agreement, must be made in writing and signed by the legal representatives of the Partners to be effective. The same applies to changes made to this clause. Spoken agreements are invalid and none have been made. Every amendment must be attached to the original copy of this agreement.
2. By way of derogation from Nr. 1, Annex I may be adjusted with approval of the respective responsible boards or institutions of each Partner University. Annex II (grade conversion tables), is to be updated under the responsibility of the Coordinator on a regular basis without amendment of this cooperation agreement.
3. In any case, students who are already enrolled in the Double Degree Programme must be guaranteed enough time to finish their studies. In each individual case a period which corresponds to 1,5 times the period necessary to still complete the Double Degree Programme will be considered sufficient.



4. It is agreed that the Double Degree Programme cannot continue if a Partner does not meet the requirements of reaccreditation. In this case, the agreement shall be revised.
5. If this agreement or any part thereof is found to be illegal or unenforceable, that part will be removed and the illegality or unenforceability shall not affect the untainted parts of this agreement, which shall continue to be valid and enforceable. Notwithstanding the above, in the event of any such nullification, the Partners shall negotiate in good faith to agree on the terms of a mutually acceptable and satisfactory alternative provision to replace the nullified provision.

ART. 14 SETTLEMENT OF DISPUTES, APPLICABLE LAW

In case of difficulties involving the interpretation or execution of this agreement, the Local Academic Coordinators and academic departments shall attempt to resolve the dispute amicably. In the event of non-resolution, the first step is mediation by the Rector of Università degli Studi di Palermo or her/his delegate/s and by the Rector of Universitat de València or her/his delegate/s . Recourse to a court of jurisdiction will be only a last resort, after exhausting all other possibilities. In this case, the conflict will be decided according to the laws of the defendant party.



Signature

for the cooperation agreement regarding of the Double Degree Programme in Business Intelligence & Analytics (Bachelor's Degree at Universitat de València) and in Statistica per l'Analisi dei Dati (Bachelor's Degree at Università degli Studi di Palermo)

in its final version dated XX.XX.XXX

for and on behalf of **Università degli Studi di Palermo**

Date: Firmato digitalmente da: Massimo Midiri
Organizzazione: UNIVERSITA' DEGLI STUDI
DI PALERMO/80023730825
Data: 17/07/2024 08:48:01

Signature:

Name: *Prof. Massimo Midiri*

Role in the Organization: Rector

for and on behalf of **Universitat de València**

MARIA VICENTA| Firmado digitalmente
por MARIA VICENTA|
MESTRE| MESTRE|ESCRIVA
Date: Fecha: 2024.07.18
ESCRIVA 09:23:27 +02'00'

Signature:

Name: *Prof. M^a Vicenta Mestre*

Role in the Organization: Vice-Chancellor (Rectora)



ANNEX I: MODULES AND
MOBILITY PATH, DOUBLE DEGREE REQUIREMENTS

PATHWAY UV STUDENTS

1ST YEAR AT UNIVERSITY OF VALENCIA

University of Valencia				University of Palermo			
Code	Name	Semester & Type	ECTS	Code	Name	Semester	ECTS
36502	Análisis Exploratorio de Datos y Bases de Datos	1S (BT)	6	22605	Statistica esplorativa con laboratorio Corso Integrato	1S	12
36503	Analítica Visual y Comunicación	2S (BT)	6	16127	Matematica	1S	9
36504	Azar, Incertidumbre e Inferencia	2S (BT)	6	01736	Calcolo delle Probabilità	2S	9
36499	Dirección Estratégica	1S (BT)	6	02796	Economia Politica	2S	9
36500	Fundamentos de Programación y Algoritmia	1S (BT)	6	20578	Laboratorio Python	1S	6
36505	Marketing Digital	2S (BT)	6		Optional		6
36498	Basic Operations Research Models (*)	2S (BT)	6	02285	Demografia	2S	6
36497	Modelos Matemáticos para la Gestión	1S (BT)	6	17358	Lingua Inglese Livello B1	1S	3
36501	Competitive Markets and Pricing (*)	2S (BT)	6				
36496	Sistemas de Información Contable	1S (BT)	6				
	Total		60		Total		60

2ND YEAR AT UNIVERSITY OF VALENCIA

University of Valencia				University of Palermo			
Code	Name	Semester & Type	ECTS	Code	Name	Semester	ECTS
36512	Productive Business Investment Analytics	2S (CP)	6	06674	Statistica Economica 1	1S	9
36509	Accounting Analytics	1S (CP)	6		Free Subjects		6
36522	Technology and Innovation Management	2S (CP)	6	19596	Inferenza Statistica	1S	9
36527	Behavioural Economics	2S (CP)	6	18159	Statistica Sociale I - Corso Integrato	1S	12

36525	Marketing Analítico y Consumidor	2S (CP)	6		20580	Modelli Lineari	2S 9
36515	Minería de Datos en Negocios	1S (CP)	6		01169	Algebra Lineare	1S 6
36523	Modelado de Bases de Datos	2S (CP)	6		01525	Basi di Dati	1S 6
36507	Modelos Avanzados de Investigación Operativa	1S (CP)	6		02704	Economia Aziendale	2S 6
36518	Predicción con Datos Transversales	1S (CP)	6				
36536	Datos Espaciales y Espacio-Temporales (Subject from 3rd year that have to register on 2nd year)*	2S (CP)	6				
	Total		60		Total		63

3TH YEAR AT UNIVERSITY OF PALERMO

University of Valencia				
Code	Name	Year	SEM	ECTS
36526	Aspectes legals d'informació, dades personals i macrodades	3	1S	6
36510	Creación de Empresas Digitales	3	2S	6
36514	Strategic decision-making in markets (*)	3	1S	6
36511	Explotación de Almacenes de Datos	3	1S	6
36506	Accounting Information Analysis and Management(*)	3	2S	6
36508	Modelos Dinámicos para la Gestión	3	2S	6
36517	Muestreos y Encuestas	3	2S	6
36513	Rendibilitat i risc	3	1S	6
36520	Técnicas Avanzadas de Predicción en Negocios	3	1S	6
36519	Predicción con Datos Temporales (Subject from 2nd year that have to register on 3th year)	2	2S	6
	Total			60

University of Palermo			
Code	Name	SEM	ECTS
02469	Diritto dell'Informatica e del trattamento dei Dati	2S	6
18235	Entrepreneurship	2S	6
18133	Business Strategy(*)	2S	6
01525	Basi di Dati	1S	6
17644	Corporate strategy(*)	2S	8
16439	Stochastic Processes(*)	1S	6
18158	Indagini Campionarie E Sondaggi Demoscopici	1S	6
15506	Risk Management(*)	1S	6
22688	Statistical Machine Learning(*)	1S	6
18230	Statistica Economica 2 Corso Integrato	1S	6
	Total		62

(*) In English



4TH YEAR AT UNIVERSITY OF PALERMO

University of Valencia				
Code	Name	Year	SEM	ECTS
36516	Datos no Estructurados	4	1S	6
36521	Investigación Comercial en Entornos Digitales	4	1S	6
36529	Planificació i gestió de la cadena de subministrament	4	1S	6
36539	Final Degree Project(*)	4	2S	12
36531	Análisis del Comportamiento Financiero	4	2S	6
36530	Reporting Tools & Techniques(*)	4	2S	6
36533	Planificació financera de l'empresa	4	1S	6
36534	Promoción Digital	4	1S	6
36528	Game Theory Applied to Massive Data Sets(*)	4	2S	6
			Total	60

University of Palermo			
Code	Name	SEM	ECTS
	Data mining and Text Mining (*)	1S	9
22390	Supply Chain Management (*)	2S	6
05917	Final Project (*)		15
18119	Analisi di Scenario per la Finanza	2S	6
21916	Laboratorio di Data Visualization	2S	3
21917	Laboratorio di Comunicazione Tecnico Scientifica	2S	3
18128	Financial Planning and Control (*)	2S	6
20989	Organizzazione Aziendale e Laboratorio di Web Marketing	1S	9
18132	Game theory(*)	1S	6
		Total	60

(*) In English

PATHWAY UNIPA STUDENTS

1ST YEAR AT UNIVERSITY OF PALERMO

University of Palermo				University of Valencia				
Code	Name	Semester & Type	ECTS	Code	Name	Year	Sem	ECTS
22605	Statistica esplorativa con laboratorio Corso Integrato	1S	12	36502	Análisis Exploratorio de Datos y Bases de Datos	1	1S	6
				36498	Basic Operations Research Models (*)	1	2S	6
16127	Matematica	1S	9	36497	Modelos Matemáticos para la Gestión	1	1S	6
20578	Laboratorio Python	1S	6	36500	Fundamentos de Programación y Algoritmia	1	1S	6
				36503	Analítica Visual y Comunicación	1	2S	6
01736	Calcolo delle Probabilità	2S	9	36504	Azar, Incertidumbre e Inferencia	1	2S	6
02796	Economia Politica	2S	9	36501	Competitive Markets and Pricing (*)	1	2S	6
				36496	Sistemas de Información Contable	1	1S	6
02285	Demografia (4)	2S	6	36527	Behavioural Economics (3) (*)	2	2S	6
	Optional (1)		6	36505	Marketing Digital	1	2S	6
17358	Lingua Inglese livello B1 (2)	1S	3					
Total 60				Total 60				

(1) We can accept this if the Optional subject is related with marketing

(2) We cannot convalidate English Language

(3) These subjects are from second year in UV

(4) The aim of the course is to provide basic methods and techniques needed to measure and understand demographic phenomena.

(*) IN ENGLISH

2ND YEAR AT UNIVERSITY OF PALERMO

University of Palermo				University of Valencia				
Code	Name	Semester & Type	ECTS	Code	Name	Year	Semester & Type	ECTS
01169	Algebra Lineare	1S	6	36536	Datos Espaciales y Espacio-Temporales (6)	3	2S	6
01525	Basi di Dati	1S	6	36523	Modelado de Bases de Datos	2	2S	6
06674	Statistica Economica 1	1S	9	36512	Anàlisi de la inversió productiva en l'empresa	2	2S	6
				36509	Contabilidad Analítica	2	1S	6
19596	Inferenza Statistica	1S	9	36525	Marketing Analítico y Consumidor	2	2S	6
02704	Economia Aziendale	2S	6	36499	Dirección Estratégica	1	1S	6
18159	Statistica Sociale I- Corso Integrato	Yearly, Core	12	36518	Predicción con Datos Transversales	2	1S	6
				36515	Minería de Datos en Negocios	2	1S	6
20580	Modelli Lineari	2S	9	36507	Modelos Avanzados de Investigación Operativa	2	1S	6
	Free Subjects (5)		6	36522	Technology and Innovation Management (*)	2	2S	6
Total 63				Total 60				

(5) We can accept this if the Free Subject is related with Management

(6) This subject is for 3rd year in Valencia

(*) IN ENGLISH



3TH YEAR-AT UV UNIVERSITY

University of Palermo			
Code	Name	SEM	ECTS
06705	Statistica Sociale 2	1S	9
18230	Statistica Economia 2- Corso Integrato	Yearly, Core	12
20579	Statistica Multivariata E Computazionale	1S	6
18158	Indagini Campionarie E Sondaggi Demoscopici	1S	6
21916	Laboratorio di Data Visualization	2S	3
21917	Laboratorio di Comunicazione Tecnico Scientifica	2S	3
	Stage And Others		3
	Optional Subjects II		6
	Free Subjects II		6
	FINAL EXAMINATION (IN PALERMO)	2S	
	Total		54

University of Valencia				
Code	Name	Year	SEM	ECTS
36526	Aspectes legals d'informació, dades personals i macrodades (**)	3	1S	6
36519	Predicción con Datos Temporales (7)	2	2S	6
36511	Explotación de Almacenes de Datos	3	1S	6
36506	Accounting Information Analysis and Management (*)	3	2S	6
36508	Modelos Dinámicos para la Gestión	3	2S	6
36517	Muestreos y Encuestas	3	2S	6
36513	Rendibilitat i risc (**)	3	1S	6
36520	Técnicas Avanzadas de Predicción en Negocios	3	1S	6
36510	Creación de Empresas Digitales (7)	3	2S	6
36514	Strategic decision-making in markets (7) (*)	3	1S	6
	FINAL EXAMINATION (IN PALERMO)		2S	
	Total			60

(7) These subjects were not included in the previous list sent by UP , and they are mandatory for UV

(*) IN ENGLISH

(**)IN VALENCIAN

4TH YEAR- AT UV UNIVERSITY

University of Palermo			
Code	Name	SEM	ECTS
	Processi stocastici e reti stocastiche CI	1S	12
	Diritto dell'informatica	1S	6
	Big Data- Corso Integrato	2S	12
	Metodi statistici per l'analisi economica e sociale CI (anticipated to the first year)	1S	12
	Optional Subjects	1S	6
	Tesi (anticipated to the first year)	2S	12
		Total	60

University of Valencia				
Code	Name	Year	SEM	ECTS
36516	Datos no Estructurados	4	1S	6
36521	Investigación Comercial en Entornos Digitales	4	1S	6
36529	Planificació i gestió de la cadena de subministrament (**)	4	1S	6
36539	Final Degree Project(*)	4		12
36531	Análisis del Comportamiento Financiero	4	2S	6
36530	Reporting Tools & Techniques(*)	4	2S	6
36533	Planificació financera de l'empresa (**)	4	1S	6
36534	Promoción Digital	4	1S	6
36528	Game Theory Applied to Massive Data Sets(*)	4	2S	6
			Total	60

(*) IN ENGLISH

(**)IN VALENCIAN



ANNEX II: GRADE CONVERSION TABLES

Grades will be numerical, from 0 to 10, to one decimal place, for the Universitat de València and from <18 to 30 for the Università degli Studi di Palermo, to which the corresponding qualitative evaluation of the following scale will be added:

Universitat de València	Università degli Studi di Palermo
0,0 - 4,9: <i>Suspenso</i> (SS)	<18 Respinto
5,0 - 6,9: <i>Aprobado</i> (AP)	Da 18 a 23 Sufficiente/Buono
7,0 - 8,9: <i>Notable</i> (NT)	da 24 a 27 Distinto
9,0 - 10: <i>Excelente</i> (E)	da 28 a 30
10: <i>Matrícula de Honor</i>	30 e lode Eccellente/Lode