



**UNISS**  
UNIVERSITÀ  
DEGLI STUDI  
DI SASSARI

**université**  
de **BORDEAUX**

## **APPENDIX 1**

**Double-Degree in**

***Laurea magistrale in Economia (LM-56) – curriculum in “Economic Data Analysis”***  
**awarded by University of Sassari**

**and**

***Master 1 Économie de l’Innovation et Veille Stratégique (EIVS) Parcours standard, and***  
***Master Intelligence économique – Parcours économie de l’Innovation et Veille***  
***Stratégique***  
**awarded by University of Bordeaux**

**Table of correspondence between exams at UBx and UNISS, to be used only by UNISS according to its administrative procedures**

**Semester 1 completed at UNISS for a total of 30 ECTS**

| <b>Corso di laurea Magistrale in Economia (LM-56)<br/>curriculum « Economic Data Analysis »</b> |            |                                        |                 |
|-------------------------------------------------------------------------------------------------|------------|----------------------------------------|-----------------|
| <b>TAF</b>                                                                                      | <b>SSD</b> | <b>Insegnamento</b>                    | <b>ECTS/CFU</b> |
| B                                                                                               | IUS/04     | Diritto dei mercati finanziari         | 6               |
| B                                                                                               | SECS-S/06  | Metodi matematici                      | 6               |
| B                                                                                               | SECS-P/11  | Economia degli intermediari finanziari | 12              |
| E                                                                                               | L-LIN/12   | Lingua inglese II                      | 6               |

**Semester 2 completed at UNISS for a total of 30 ECTS**

| <b>Corso di laurea Magistrale in Economia (LM-56)<br/>curriculum « Economic Data Analysis »</b> |            |                         |                 |
|-------------------------------------------------------------------------------------------------|------------|-------------------------|-----------------|
| <b>TAF</b>                                                                                      | <b>SSD</b> | <b>Insegnamento</b>     | <b>ECTS/CFU</b> |
| B                                                                                               | SECS-P/01  | Advanced macroeconomics | 12              |
| B                                                                                               | SECS-P/05  | Econometrics            | 12              |
| B                                                                                               | SECS-P/01  | Advanced microeconomics | 6               |

**Semester 3 completed at UNISS for a total of 30 ECTS**

| <b>Corso di laurea Magistrale in Economia (LM-56)<br/>curriculum « Economic Data Analysis »</b> |            |                                    |                 |
|-------------------------------------------------------------------------------------------------|------------|------------------------------------|-----------------|
| <b>TAF</b>                                                                                      | <b>SSD</b> | <b>Insegnamento</b>                | <b>ECTS/CFU</b> |
| B                                                                                               | SECS-P/01  | Environmental Economics            | 6               |
| B                                                                                               | SECS-P/01  | Data Analysis for economics (MOD1) | 6               |
| B                                                                                               | SECS-P/02  | Advanced economic policy           | 6               |
|                                                                                                 |            | Affine*/Elective Course            | 6               |
|                                                                                                 |            | Affine*/Elective Course            | 6               |

**\*Choose between: Digital media studies; Applied international economics; Applied methods for economics and business**

**Semester 4 to be completed at the University of Bordeaux for a total of 30 ECTS**

| <b>Master 2 EIVS</b> |                                                                   |             |
|----------------------|-------------------------------------------------------------------|-------------|
| <b>CODE</b>          | <b>Matières</b>                                                   | <b>ECTS</b> |
| UE 4.3               | Spatial econometrics                                              | 3           |
| UE 4.6               | Introduction to data science                                      | 3           |
| UE 4.5               | Theory of the firm                                                | 3           |
| UE 4.2               | Social Networks Analysis and network economics                    | 3           |
| UE4..                | Mémoire de recherché / séminaires de recherche et research papers | 18          |
|                      | Total                                                             | 30          |

| <b>Table of correspondence - STUDENTS UNISS</b>                   |      |                                    |          |
|-------------------------------------------------------------------|------|------------------------------------|----------|
| <b>UBx</b>                                                        |      | <b>UNISS</b>                       |          |
| Insegnamenti                                                      | ECTS | Insegnamenti                       | ECTS/CFU |
| Spatial econometrics                                              | 3    | Data analysis for economics (MOD2) | 6        |
| Introduction to data science                                      | 3    |                                    |          |
| Theory of the firm                                                | 3    | Digital economics (Affine)         | 6        |
| Social Networks Analysis and network economics                    | 3    |                                    |          |
| Mémoire de recherché / séminaires de recherche et research papers | 18   | Elective exam                      | 6        |
|                                                                   |      | Master Thesis                      | 12       |

**Table of correspondence between exams at UBx and UNISS, to be used only by UBx according to its administrative procedures**

**Semester 1 completed at the University of Bordeaux for a total of 30 ECTS**

| CODE   | Matières                           | ECTS / CFU |
|--------|------------------------------------|------------|
| UE 1.1 | Economie régionale et urbaine      | 6          |
| UE 1.2 | Innovation et marchés              | 6          |
| UE 1.3 | Economie sociale et collaborative  | 3          |
| UE 2.1 | Analyse des systèmes productifs    | 3          |
| UE 3.1 | Analyse financière des entreprises | 3          |
| UE 3.2 | Techniques quantitatives           | 3          |
|        | Total                              | 24         |

**Semester 2 completed at the University of Bordeaux for a total of 30 ECTS**

| CODE                   | Matières                                                               | ECTS / CFU |
|------------------------|------------------------------------------------------------------------|------------|
| UE 1.4                 | Globalization and location of firms                                    | 3          |
| UE 2.2                 | Institutions et marchés                                                | 3          |
| UE 2.3                 | Regulation and competition policies                                    | 3          |
| UE 2.4                 | Stratégies d'entreprise et management de l'innovation                  | 3          |
| UE 3.3                 | Intelligence économique et territoriale                                | 3          |
| UE 3.4                 | Production et analyse de données                                       | 3          |
| UE 3.6<br>or<br>UE 3.5 | Econometrics of causality<br>or<br>Systèmes d'information géographique | 3          |
|                        | Total                                                                  | 36         |

**Semester 3 completed at the UNISS for a total of 30 ECTS**

| MSc - Economics |                                            |            |
|-----------------|--------------------------------------------|------------|
| Code            | Matières                                   | ECTS / CFU |
| A004164         | Environmental economics                    | 6          |
| A004166         | Data analysis for economics (MOD1)         | 6          |
| A002262         | Advanced economic policy                   | 6          |
| A002993         | Applied international economics            | 6          |
| A004165         | Applied methods for economics and business | 6          |
|                 | Total                                      | 30         |

**Semester 4 completed at the University of Bordeaux for a total of 30 ECTS**

| CODE                             | Matières                                                          | ECTS / CFU |
|----------------------------------|-------------------------------------------------------------------|------------|
| UE 4.1                           | Mémoire de recherche / séminaires de recherche et research papers | 18         |
| Choose 4 between the following 5 |                                                                   |            |

|        |                                                 |    |
|--------|-------------------------------------------------|----|
| UE 4.2 | Social Networks Analysis and network economics  | 3  |
| UE 4.3 | Spatial econometrics                            | 3  |
| UE 4.5 | Theory of the firm                              | 3  |
| UE 4.6 | Introduction to data science                    | 3  |
| UE 4.7 | Advanced urban Economics and sustainable cities | 3  |
|        | Total                                           | 30 |

| Table of correspondence - STUDENTS UBx                    |      |                                            |          |
|-----------------------------------------------------------|------|--------------------------------------------|----------|
| UBx                                                       |      | UNISS                                      |          |
|                                                           | ECTS |                                            | ECTS/CFU |
| UE 1.1: Economie de la science et de la technologie       | 9    | Environmental economics                    | 6        |
| UE 2.2 : Technology Dynamics                              | 3    | Data analysis for economics (MOD1)         | 6        |
| UE 1.2 : Economie des secteurs et des firmes              | 9    | Advanced economic policy                   | 6        |
| UE 2.3: Analyse et visualisation de données relationnelle | 3    | Applied international economics            | 6        |
| UE 2.1 : Advanced micro-econometrics (SFRI)               | 6    | Applied methods for economics and business | 6        |

## APPENDIX 2 – Conversion Table

### Mark for single modules / single exams

| Grades UBx    | Grades UNISS |
|---------------|--------------|
| <10           | <18          |
| 10,00 - 10,16 | 18           |
| 10,17 - 10,33 | 19           |
| 10,34 – 10,50 | 20           |
| 10,51 – 10,75 | 21           |
| 10,76 – 11,00 | 22           |
| 11,01 – 11,25 | 23           |
| 11,26 – 11,50 | 24           |
| 11,51 – 12,17 | 25           |
| 12,18 – 12,84 | 26           |
| 12,85 – 13,50 | 27           |
| 13,51 – 14,50 | 28           |
| 14,51 – 15,50 | 29           |
| 15,51 – 16,50 | 30           |
| 16,51 – 20,00 | 30 e lode    |

### Mark for the final thesis

Students will defend their theses before an integrated panel. The integrated panel will include professors of both universities.

Within the *Laurea magistrale in Economia (LM-56)* awarded by University of Sassari, the final graduation mark is awarded out of 110 points. The procedure for calculating this mark is the following:

First, the student's weighted average grade point is multiplied by 11 and divided by 3 to obtain a base mark (e.g., grade point average  $28.65 \times 11 = 315.15 : 3 = 105.05$  base mark).

Then, the panel adds the points awarded for the final defence ("Tesi di Laurea") to the base mark following the discussion of the dissertation (e.g., 105.05 base mark + 4.95 defence = 110 final graduation mark).

When the base mark is high and the dissertation is very good, a *cum laude* can be awarded by the Commission.

Within the *Master 1 Économie de l'Innovation et Veille Stratégique (EIVS) Parcours standard*, and *Master 2 Économie de l'Innovation et Veille Stratégique (EIVS) Parcours standard* awarded by University of Bordeaux UBx, there is no final graduation, but the mark for the final thesis will be computed in the student's weighted average.

**Conversion table for final marks**

| <b>Final marks UNISS</b> | <b>Final Marks UBx</b> |
|--------------------------|------------------------|
| 110 e lode - 109         | Très bien (>16)        |
| 108 –96                  | Bien<br>(14-15)        |
| 95-86                    | Assez bien (12-13)     |
| 85-66                    | Passable<br>(10-11)    |