



Faculty of Business Science and Tourism

GENERAL SPECIFICATIONS

ACADEMIC YEAR 2025-2026

**DEGREE IN BUSINESS ADMINISTRATION AND
MANAGEMENT**

DEGREE IN FINANCE AND ACCOUNTING

Subject Data

Name:

ESTADÍSTICA Y MÉTODOS CUANTITATIVOS II

English name:

STATISTICS AND QUANTITATIVE METHODS II

Code:

858510202

Type:

Compulsory

Hours:

	Total	In class	Out class
Time distribution	150	60	90

ECTS:

Standard group	Small groups			
	Classroom	Lab	Practices	Computer classroom
4.8	1.2	0	0	0

Departments:

Economics

Knowledge areas:

Quantitative methods for economics and business

Year:

2nd

Semester

1st

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TEACHING STAFF

Name:	E-mail:	Telephone
Ramón Jiménez Toribio	toribio@uhu.es	959 217 871

Others Data (Tutoring, schedule...)

Group	Day and time	Dates
TI- II	Monday and Wednesday, from 19:30 to 21:30	Large (48 hours) and small (12 hours) groups dates and timetable available on the Moodle site for the course.

Prof.: Dr. Ramón Jiménez Toribio

Department: Economics

Office: 63 (Faculty of Business Science and Tourism)

Office hours: <http://goo.gl/dH7sB4>

First semester				
Monday	Tuesday	Wednesday	Thursday	Friday
		10:45-12:30		9:15-13:30
Second semester				
Monday	Tuesday	Wednesday	Thursday	Friday
			12:30-14:15	9:15-13:30

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SPECIFIC INFORMATION OF THE COURSE

I. Contents description:

I.1 In English:

Estimate · Sampling distribution of a statistic from a Normal population · Point estimation of the parameters · Interval estimation · Statistical hypothesis testing · Hypothesis testing · Nonparametric tests · Comparison of two populations · Linear regression · Simple Linear Regression · Multiple Linear Regression · Inference in regression models

I.2 In Spanish:

Estimación · Distribución muestral de un estadístico de una población Normal · Estimación puntual de los parámetros · Estimación por intervalos Verificación de hipótesis estadísticas · Contrastes de hipótesis sobre los parámetros · Contrastes no paramétricos · Comparación de dos poblaciones · Regresión lineal · Regresión lineal simple · Regresión lineal múltiple · Inferencias en los modelos de regresión

2. Background:

2.1 Situation within the Degree:

It is a compulsory course within the subject 'Advanced Statistics', which provides the fundamental concepts required for the application of statistical methodology in other courses of the degree in subsequent years. This course equips students with the essential knowledge of Statistical Inference and Regression Analysis needed to successfully undertake the course 'Introduction to Econometrics', taught during the second semester of the second year in the degree programmes in Business Administration and Management, and Finance and Accounting.

2.2 Recommendations

There are no formal prerequisites. However, a basic understanding of Probability Theory, Mathematical Analysis, and Algebra is recommended.

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3. Objectives (as result of teaching):

GENERAL OBJECTIVES

Upon completion of this course, students should be able to:

- Gain an introduction to inferential statistics and fundamental econometric concepts, enabling their application in the economic and business environment.
- Develop critical thinking in relation to the use of both primary and secondary statistical sources, as well as the potential of various statistical tools within the economic and business context.

SPECIFIC OBJECTIVES

Students who successfully complete this course will be able to:

- Acquire foundational knowledge for estimating population parameters and testing hypotheses concerning population data behaviour.
- Develop a basic understanding of econometric techniques, particularly the estimation of a classical multiple linear regression model, in order to be well prepared for the course Introduction to Econometrics.
- Apply these techniques using computing tools, particularly modern statistical software packages, to conduct statistical and econometric analyses.

4. Skills to be acquired

4.1 Specific Skills:

(SC12) To develop the ability to design, draft, implement and manage projects and reports, and to provide advice on specific business situations.

(SC3) To understand mathematical and statistical techniques and tools applied to the business and economic field, for the quantitative analysis of economic and business reality.

4.2 General, Basic or Transversal Skills:

(BC1) Demonstrate to understand and have acquired knowledge about an area of study that starts from basic Secondary Education, and is often at supported by advanced textbooks, but also includes some aspects that involve knowledge related to the forefront of their field of study.

(BC2) Know how to apply their knowledge to their work or vocation in a professional way. They should also possess the skills that are usually demonstrated through the elaboration and defence of arguments and in problem solving within their area of study.

(BC3) Gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.

(BC4) Be able to convey information, ideas, problems and solutions to both specialised and non-specialised audiences.

(BC5) Develop the learning skills required to undertake further studies with a high degree of autonomy.

(GC1) Develop cognitive, instrumental and attitudinal competences in the context of Finance and Accounting.

(TC1) Be completely fluent in Spanish, mastering the different styles and the specific languages required to develop and communicate the acquired knowledge in the scientific and academic environment.

(TC2) Develop a critical attitude, being able to analyse and synthesize.

(TC3) Develop an attitude of inquiry that permanently enables to review and deepen in the knowledge.

(TC4) Acquire Computer and Information Skills (CI2) and apply them working.

(TC6) To promote, respect and safeguard human rights, democratic values, social equality and environmental sustainability, without discrimination on the basis of birth, race, sex, religion, opinion or other personal or social circumstances.

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5. Training Activities and Teaching Methods

5.1 Training Activities:

- Theoretical/practical classes about the contents of the syllabus.
- Supervised activities by lecturers: seminars, conferences, development of assignments, debates, group tutorials, reports, presentations, assessment/self-assessment activities.
- Individual / autonomous work of the student.

5.2 Teaching Methods:

- Face-to-face theoretical classes.
- Face-to-face practical classes.
- Autonomous supervised work of the student.
- Assessment tests.
- Tutorials.

5.3 Development and Justification:

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The following paragraphs summarise the student's workload, both in terms of independent study and face-to-face sessions, required to follow the course effectively. The table below provides a general overview of the different teaching methodologies to be employed throughout the course.

Methodology: Face-to-face teaching

Activity: Theory and practical sessions based on the course syllabus

Description: In-person sessions delivered by the teaching staff covering theoretical foundations, methodological approaches, strategies for problem-solving, and practical case studies related to the course content. Preparation of assignments and reports based on case studies, supported by specialised software in the fields of statistics and econometrics.

Hours: 56

Methodology: Face-to-face teaching

Activity: Academic activities supervised by teaching staff

Description: Seminars, guest lectures, project development, debates, group tutorials, and assessment/self-assessment activities.

Hours: 4

Methodology: Supervised independent study

Activity: Individual and/or group work carried out autonomously by students

Description: Preparation of theoretical and practical assignments; use of documentation and information technologies; problem-solving; completion of self-assessment exercises related to theoretical and practical content.

Hours: 90

All relevant materials for the theoretical and practical sessions will be available on the Moodle platform (<https://moodle.uhu.es/>). The page will include information on the course content, work plan, timetable for both theory and practical sessions, as well as useful links related to the subject. In theory classes, resources such as the blackboard (both traditional and digital), projected presentations with the aid of a computer, and supplementary materials provided by the teaching staff (e.g. handouts, digital files) will be used. In the practical sessions, the concepts introduced in the theoretical classes will be applied. Emphasis will be placed on problem-solving techniques, their limitations and advantages, and critical analysis of the results obtained. These sessions will be interactive, and student participation will be taken into account when evaluating their learning progress.

Part of the practical sessions will be held in the computer lab to enable students to acquire specific competences related to the use of computer tools in the statistical analysis of economic and financial data. These sessions will involve the use of specialised, yet widely used, software, as well as more general tools such as spreadsheets.

Supervised academic activities may include, where appropriate, student attendance at seminars, or the viewing or listening of multimedia content related to the subject content. Students may then be required to prepare reports based on this material or to complete questionnaires specifically designed to assess their understanding.

Other supervised academic activities may also include: solving problems on the board or through written reports; applying a problem-based learning approach in collaborative groups supervised by the course lecturers during specific workshops; conducting case studies; or participating in moderated forums on topics related to the course.

6. Detailed Contents

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7.1. THEMATIC BLOCKS

BLOCK I. STATISTICAL INFERENCE

BLOCK II. INTRODUCTION TO ECONOMETRICS

7.2. BRIEF DESCRIPTION OF THE CONTENTS

THEORETICAL-PRACTICAL BLOCK I. STATISTICAL INFERENCE

- INTRODUCTION TO STATISTICAL INFERENCE. SAMPLING DISTRIBUTIONS
- POINT ESTIMATION
- INTERVAL ESTIMATION
- METHODOLOGICAL FOUNDATIONS OF HYPOTHESIS TESTING
- PARAMETRIC HYPOTHESIS TESTS
- NON-PARAMETRIC HYPOTHESIS TESTS

THEORETICAL-PRACTICAL BLOCK II. INTRODUCTION TO ECONOMETRICS

- INTRODUCTION TO ECONOMETRIC MODELLING
- THE CLASSICAL SINGLE-EQUATION MODEL
- FOUNDATIONS OF INFERENCE IN REGRESSION MODELS

BLOCK OF COMPUTER LAB PRACTICAL SESSIONS

- SESSION 1. POINT AND INTERVAL ESTIMATION
- SESSION 2. PARAMETRIC TESTS
- SESSION 3. NON-PARAMETRIC TESTS
- SESSION 4. 1st ASSESSMENT TEST, NON-PARAMETRIC TESTS
- SESSION 5. INTRODUCTION TO ECONOMETRICS
- SESSION 6. 2nd ASSESSMENT TEST, INTRODUCTION TO ECONOMETRICS

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7. Bibliography

7.1 Basic Bibliography:

- Berenson, M. L., Levine, D. M., Szabat, K. A., & Stephan, D. F. (2020). BASIC BUSINESS STATISTICS: CONCEPTS AND APPLICATIONS, 14th edition, Pearson.
- Carrascal, U. et al., (2001), ANÁLISIS ECONÓMICO CON EVIEWS, 1st edition, Madrid, Rama.
- García Ordaz, F., García del Hoyo, J.J. & Jiménez Toribio, R., (2022), ESTADÍSTICA Y MÉTODOS CUANTITATIVOS II, Huelva, Servicio de Publicaciones de la Universidad de Huelva.
- Guisán, M.C., (1997), ECONOMETRÍA, 1st edition, Madrid, McGraw-Hill.
- Lind, D.A. et al., (2008), ESTADÍSTICA APLICADA A LOS NEGOCIOS Y LA ECONOMÍA, Madrid, McGraw-Hill.
- Newbold, P., Carlson, W. L., & Thorne, B. M., (2023), STATISTICS FOR BUSINESS AND ECONOMICS, 10th global edition, Pearson.
- Novales, A., (1996), ESTADÍSTICA Y ECONOMETRÍA, Madrid, McGraw-Hill.
- Pena Trapero, J. B., Estavillo Dorado, J.A., Galindo Frutos, M.E., Leceta Rey, M.J. & Zamora Sanz, M.M., (1999), 100 EJERCICIOS DE ECONOMETRÍA, Madrid, Pirámide.
- Pérez López, C., (2002), ESTADÍSTICA APLICADA A TRAVÉS DE EXCEL, Madrid, McGraw-Hill.
- Ruiz-Maya Pérez, L. & Martín Pliego, F. J., (1999), FUNDAMENTOS DE INFERENCIA ESTADÍSTICA, Madrid, Thomson Paraninfo.

7.2 Additional Bibliography:

SPECIFIC REFERENCES

- Abad, R., Fernández, M. F., Naya, S., Resedo, M. A., Vázquez, M., Vilar, J. A. & Vilar, J. M., (2001), INTRODUCCIÓN A LA ESTADÍSTICA Y SUS APLICACIONES, Madrid, Pirámide.
- Casas Sánchez, J. M., García Pérez, C., Rivera Galicia, L. F. & Zamora Sanz, A. I., (1998), PROBLEMAS DE ESTADÍSTICA. DESCRIPTIVA, PROBABILIDAD E INFERENCIA, Madrid, Pirámide.
- Díaz Fernández, M. & Llorente Marrón, M., (1998), ECONOMETRÍA, 1st edition, Madrid, Pirámide.
- Greene, W. H., (1999), ANÁLISIS ECONÓMICO, 3rd edition, Madrid, Prentice-Hall (translation of the 3rd English edition from 1998).
- Hernández, J., (1997), INTRODUCCIÓN A LA ECONOMETRÍA, 1st edition, Madrid, ESIC.
- Martín Pliego, F. J., Montero Lorenzo, J. M. & Ruiz-Maya Pérez, L., (2000), PROBLEMAS DE INFERENCIA ESTADÍSTICA, Madrid, Ed. AC.
- Martín, G., Labeaga, J.M. & Mochón, F., (1997), INTRODUCCIÓN A LA ECONOMETRÍA, 1st edition, Madrid, Prentice-Hall.
- Pena Trapero, B. et al., (1999), CIEN EJERCICIOS DE ECONOMETRÍA, 1st edition, Madrid, Pirámide.
- Peña Sánchez de Rivera, D., (1999), ESTADÍSTICA. MODELOS Y MÉTODOS. VOL. 1. FUNDAMENTOS, Madrid, Alianza Universidad Textos.
- Peña Sánchez de Rivera, D., (1999), ESTADÍSTICA. MODELOS Y MÉTODOS. VOL. 2. MODELOS LINEALES Y SERIES TEMPORALES, Madrid, Alianza Universidad Textos.
- Pulido, A. & J. Pérez, (2001), MODELOS ECONÓMICOS, 1st edition, Madrid, Pirámide.
- Sánchez González, C., (1999), MÉTODOS ECONÓMICOS, 1st edition, Barcelona, Ariel.
- Serrano, G. R. & Marrero, G. A., (2001), EJERCICIOS DE ESTADÍSTICA Y ECONOMETRÍA, Madrid, A.C.
- Spiegel, M. R., (1997), ESTADÍSTICA, 2nd edition, Madrid, McGraw-Hill, Schaum Collection.

OTHER ONLINE SOURCES OF INFORMATION

- Instituto Nacional de Estadística: <https://www.ine.es/>
- Instituto de Estadística y Cartografía de Andalucía: <https://www.juntadeandalucia.es/institutodeestadisticaycartografia/>
- EUROSTAT: <https://ec.europa.eu/eurostat>

8. Systems and Assessment Criteria

8.1 System for Assessment:

- Written/oral exam.
- Continuous assessment.

8.2 Assessment Criteria and Marks:

8.2.1 Examinations Convocatory I

Continuous assessment for this course will be divided into three components: the theoretical part, the practical part related to problem-solving, and the practical part involving the use of statistical software.

Written test on theoretical content: This written test will assess students' knowledge of the methodologies covered in the large-group theoretical sessions. Assessment criteria will include the correct use of concepts and terminology, the ability to interrelate theories, models and concepts, the clarity and accuracy of responses, and the level of understanding of the theoretical foundations taught during the large-group sessions. This component will account for 25% of the final grade.

Written test on practical content: This written test will assess students' ability to solve practical cases and to present their solutions in the form of a written report, based on the knowledge acquired in the large-group sessions. Assessment criteria will include: the ability to solve problems and apply theoretical content to practical situations, the development of synthesis skills, internal coherence of the work and its consistency with the overall knowledge acquired, and the clarity and precision of the answers. This component will account for 50% of the final grade.

Continuous evaluation through computer lab activities: Students will be required to complete theoretical-practical tasks during computer lab sessions, based on specific case studies and using specialised software. Assessment criteria will include: correct interpretation of the practical case, appropriate choice of statistical and/or econometric technique, accurate resolution of the case using the computer, and appropriate presentation of the results obtained. This component will account for 25% of the final grade.

The set of assessment activities shall be governed by the Assessment Policy for undergraduate and postgraduate degrees at the University of Huelva, as approved by the Governing Council on 13 March 2019: https://www.uhu.es/fexp/archivos/normativa/REGLAMENTO_DE_EVALUACION_aprobado_en_CG13_de_marzo_2019.pdf

Grading system

The grading system used in this course is in accordance with Article 5 of Royal Decree 1125/2003 of 5 September, which establishes the European Credit Transfer and Accumulation System (ECTS) and the grading scale for official university degrees, and is applicable throughout Spain. Students' performance in each course unit will be graded using a numerical scale from 0 to 10, with one decimal place, to which a corresponding qualitative grade may be added:

- 0.0 to 4.9: D. Fail (Suspendo)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0 to 10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students following the continuous assessment system must obtain a minimum score of 3 out of 10 in each of the two written exams that will be held at the end of the corresponding semester. Similarly, the final mark obtained from all the computer lab assessments carried out during the semester must also be higher than 3 out of 10. If these conditions are met, the final grade will be calculated as the weighted average of the three components, according to the percentages indicated in the table above.

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Once the results of each of the assessment components have been published, the date, time and location of the corresponding review session for each exam and/or assessment will be announced.

To apply the weighting percentages indicated above, it is necessary to achieve a minimum score of 3 out of 10 in each of the three components (theoretical, practical, and software-based assessments).

8.2.2 Examinations Convocatory II

In Ordinary Call II, students who followed the continuous assessment system may retain the grade obtained in that component and passed in Call I, provided that an agreement is reached with the lecturer. In this call, students will sit the examinations corresponding to the first two components: theory and practical content. The minimum required marks, as well as the weightings of each activity contributing to the final grade, will remain the same as those established in Call I.

The grading system used in this module complies with the provisions of Royal Decree 1125/2003, of 5 September, which establishes the European Credit Transfer and Accumulation System (ECTS) and the official grading scale for university degrees recognised throughout the national territory. Accordingly, the module will be assessed on a numerical scale from 0 to 10, with one decimal place, and may be accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspenso)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. For the computer-based assessment, students may choose to either retain the grade previously obtained in Call I, or take a new test in the computer lab. In either case, the mark considered must also exceed 3 out of 10. If these conditions are met, the final grade will be calculated as the weighted average of the three components, according to the percentages listed above.

Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.

8.2.3 Examinations Convocatory III

For Ordinary Call III and other assessments, the same types of examinations and considerations as those specified in the Final Single Assessment system shall apply.

The grading system used in this module complies with the provisions of Royal Decree 1125/2003, of 5 September, which establishes the European Credit Transfer and Accumulation System (ECTS) and the official grading scale for university degrees recognised throughout the national territory. Accordingly, the module will be assessed on a numerical scale from 0 to 10, with one decimal place, and may be accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspenso)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal

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to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. Similarly, the final mark obtained in the test conducted in the computer lab must also be above 3 out of 10. If these conditions are met, the final grade will be the weighted average of the three assessments, according to the percentages listed above.

Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.

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8.2.4 Extraordinary Convocatory

For Ordinary Call III and other assessments, the same types of examinations and considerations as those specified in the Final Single Assessment system shall apply.

The grading system used in this module complies with the provisions of Royal Decree 1125/2003, of 5 September, which establishes the European Credit Transfer and Accumulation System (ECTS) and the official grading scale for university degrees recognised throughout the national territory. Accordingly, the module will be assessed on a numerical scale from 0 to 10, with one decimal place, and may be accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspenso)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. Similarly, the final mark obtained in the test conducted in the computer lab must also be above 3 out of 10. If these conditions are met, the final grade will be the weighted average of the three assessments, according to the percentages listed above.

Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.

8.3 Single Final Evaluation:

8.3.1 Examinations Convocatory I

Students who choose to undertake the Final Single Assessment, in accordance with the University of Huelva's Assessment Regulations (13/03/2019), will sit a single written examination in which they must demonstrate their theoretical and practical knowledge of the subject, based on the syllabus outlined in this guide. In addition, this single written examination may include questions related to the student's familiarity with the specific software used during the computer lab sessions. These questions may be integrated into the main written examination or presented as a separate practical examination held in the computer lab. The weighting of each section of the exam will correspond to the weightings used in the continuous assessment system. The learning materials necessary for completing the assessments are available on the Moodle virtual learning platform, accessible to all students enrolled in the module. To apply the aforementioned weightings, students must obtain a minimum mark of 3 out of 10 in each of the three sections: theoretical content, practical application, and statistical software assessments. Requests to follow this assessment modality must be addressed to the module coordinator, and may be submitted electronically (via email). The coordinator must acknowledge receipt of the request explicitly.

The grading system used in this module complies with the provisions established in Royal Decree 1125/2003, of 5 September, which sets out the European Credit Transfer and Accumulation System (ECTS) and the official university grading scale valid throughout Spain. Accordingly, the module will be assessed on a numerical scale from 0 to 10, with one decimal point, and may be accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspenso)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. Similarly, the final mark obtained in the test conducted in the computer lab must also be above 3 out of 10. If these conditions are met, the final grade will be the weighted average of the three assessments, according to the percentages listed above.

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Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.

8.3.2 Examinations Convocatory II

Students who opted for the Final Single Assessment, as well as those who followed continuous assessment but either did not pass or did not reach an agreement with the lecturer regarding the transfer of their continuous assessment grade, shall undertake the same type of examinations and be subject to the same considerations as those specified in the Final Single Assessment section of Ordinary Call I.

The grading system used in this module complies with the provisions of Royal Decree 1125/2003, of 5 September, which establishes the European Credit Transfer and Accumulation System (ECTS) and the grading system for official university qualifications valid throughout the national territory. Accordingly, the module will be assessed using a numerical scale from 0 to 10, with one decimal place, and may be accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspenso)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. Similarly, the final mark obtained in the test conducted in the computer lab must also be above 3 out of 10. If these conditions are met, the final grade will be the weighted average of the three assessments, according to the percentages listed above.

Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.

8.3.3 Examinations Convocatory III

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For the Ordinary Call III and other assessments, the same types of examinations and considerations as those specified in the Final Single Assessment System shall apply.

The grading system used in this module complies with that established in Royal Decree 1125/2003, of 5 September, which defines the European Credit Transfer and Accumulation System (ECTS) and the official university grading system valid throughout the national territory. Accordingly, the module will be assessed on a numerical scale from 0 to 10, with one decimal point, and may be accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspendo)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. Similarly, the final mark obtained in the test conducted in the computer lab must also be above 3 out of 10. If these conditions are met, the final grade will be the weighted average of the three assessments, according to the percentages listed above.

Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.

8.3.4 Extraordinary Convocatory

For the Ordinary Call III and other assessments, the same type of examinations and considerations specified in the Final Single Assessment System will apply.

The grading system used in this module complies with the provisions established in Royal Decree 1125/2003, of 5 September, which sets out the European Credit Transfer and Accumulation System (ECTS) and the official university grading system valid throughout Spain. Accordingly, the module will be graded on a numerical scale from 0 to 10, with one decimal place, accompanied by the corresponding qualitative grade:

- 0.0 to 4.9: D. Fail (Suspendo)
- 5.0 to 6.9: Grade C (Aprobado)
- 7.0 to 8.9: Grade B (Notable)
- 9.0-10: Grade A (Sobresaliente)

The "Honours" distinction (Matrícula de Honor) may be awarded to students who achieve a final grade equal to or higher than 9.0. The number of Honours distinctions may not exceed 5% of the students enrolled in the course in a given academic year. If fewer than 20 students are enrolled, a single Honours distinction may be awarded. In the event that there are more candidates than available Honours distinctions based on the number of students, priority will be given to those whose final grade is equal to or higher than 9.5. If there are still more candidates with the same grade, an additional written examination on the course content will be administered to resolve the tie.

Students must obtain a minimum mark of 3 out of 10 in each of the two written examinations. Similarly, the final mark obtained in the test conducted in the computer lab must also be above 3 out of 10. If these conditions are met, the final grade will be the weighted average of the three assessments, according to the percentages listed above.

Once the marks for each of the assessments have been published, the date, location, and time of the corresponding review session for each exam and/or test will be announced.