



## Information about the subject

**Degree:** Bachelor of Science Degree in Business Administration and Management

**Faculty:** Faculty of Legal, Economic and Social Sciences

**Code:** 301104 **Name:** Macroeconomics

**Credits:** 6,00 **ECTS Year:** 1 **Semester:** 2

**Module:** Applied Economics

**Subject Matter:** Economics **Type:** Basic Formation

**Field of knowledge:** Ciencias Sociales y Jurídicas

**Department:** Economics, Business Management, and Marketing

**Type of learning:** Classroom-based learning / Online

**Languages in which it is taught:** English, Spanish

### Lecturer/-s:

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## Module organization

### Applied Economics

Subject Matter	ECTS	Subject	ECTS	Year/semester
Economics	18,00	Macroeconomics	6,00	1/2
		Microeconomics	6,00	1/1
		World Economy	6,00	2/2
Economic Environment	12,00	Globalisation and International Markets	6,00	4/1
		Spanish Economy	6,00	3/1

## Recommended knowledge

Basic notions of Microeconomics.



## Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Master the instruments of economic analysis.
- R2 Properly manage graphical analysis to support economic analysis.
- R3 To know the main statistical sources and economic information . To calculate ratios and economic indices.
- R4 Identify the stages of economic cycle.
- R5 Interpret economic statistics correctly.
- R6 Identify the phases of the economic cycle.
- R7 Understand and interpret economic news, applying them into the business context.
- R8 Learn to break economic growth into its different factors.
- R9 Defend and agree economic policies and business decisions based on economic indicators.
- R10 Assess the impact of macroeconomic policies.



## Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

BASIC		Weighting			
		1	2	3	4
CB1	That students have demonstrated knowledge and understanding in an area of study that is at the core of general secondary education, and is often at a level that, while supported by advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.		X		
CB2	That students know how to apply their knowledge to their work or vocation in a professional way and possess the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.		X		
CB3	That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include reflection on relevant social, scientific or ethical issues.		X		
CB4	That students can convey information, ideas, problems and solutions to both specialized and non-specialized audiences.		X		
CB5	That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.		X		
GENERAL		Weighting			
		1	2	3	4
CG1	Capacity of analysis and synthesis.		X		
CG2	Adequate management of time and resources.		X		
CG3	Capacity to apply knowledge into practice.			X	
CG4	Capacity to handle information from different sources.		X		
CG5	Oral and written communication.		X		



CG6	Use of ICTs		X		
CG7	Information management.		X		
CG8	Orientation to problem-solving.		X		
CG13	Ability to learn and research skills.		X		
CG15	Interpersonal relationship skills.	X			
CG16	Self-confidence and decision making.	X			
CG17	Ability to issue reports on specific company and market situations.		X		
CG18	Ability to obtain, from the data, valuable information for decision making.		X		
CG19	Commitment, responsibility and ethical sense.			X	

SPECIFIC		Weighting			
		1	2	3	4
CE1	Understand the potential impact of aspects related to the macro and microeconomic environment and its institutions on business organizations (e.g. the monetary and financial system, domestic markets).		X		
CE4	Ability to develop interdisciplinary knowledge and analysis to define criteria according to which a company is defined, linking the results with the analysis of the environment.		X		
CE5	Understanding of existing and new technologies and their impact on new or future markets.		X		
CE7	Ability to manage a company or organization, understanding its competitive and institutional positioning and identifying its strengths and weaknesses.		X		
CE9	Identify potential sources of useful economic information and their content.		X		



CE15	Ability to obtain, from the data, valuable information for decision making.	x		
CE17	Application of professional criteria to the analysis of business problems.	x		
CE19	Empathy and ability to understand others.	x		
CE20	Capacity for negotiation and problem-solving.	x		



## Assessment system for the acquisition of competencies and grading system

### In-class teaching

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	15,00%	Objective Tests
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	25,00%	Conduct of Theory-Practice
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	10,00%	Class attendance and participation
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	50,00%	Final Exam

### Observations

A minimum attendance of 70% of the in-class sessions is required. Those students who, in a justified and accredited manner, state their inability to attend to in-class sessions, may request, within the first month of each semester, the so-called "single evaluation".

In accordance with the General Regulations for the Evaluation and Grading of Official Studies and UCV-Owned Degrees, the single evaluation is linked to the inability of students enrolled in a degree to attend. It is, therefore, an extraordinary and exceptional evaluation system available to students who, with justification and accreditation, are unable to submit to the continuous evaluation system. They may request this from the professor in charge of the subject, who will expressly decide on the admission of the student's request for a single evaluation and will inform the student of the acceptance/denial.

As regards this subject, the minimum attendance percentage required will be 70%, and the single assessment, if granted, will consist, both in the first and second chance, of the final exam, which will account for 90% of the grade, along with the completion of an exercise that will be completed in conjunction with the final exam and will account for 10% of the final grade.

The use of any type of AI for practical work or assessment tests is not permitted in this subject. The mention "with honors" may be awarded to students who have obtained a minimum grade of 9.00

### Online teaching

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	5,00%	Attendance and participation in the activities of synchronous communication



R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	25,00%	Conduct of deliverables
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	15,00%	Regular evaluations through online questionnaires.
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	5,00%	Participation in discussion forums
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	50,00%	Final on-site assessment.

## Observations

A minimum attendance of 70% of virtual sessions is required.

In accordance with the General Regulations for the Assessment and Grading of Official Studies and UCV-Owned Degrees, the single assessment is linked to the inability of students enrolled in a degree to attend. It is, therefore, an extraordinary and exceptional assessment system available to students who, with justification and accreditation, are unable to submit to the continuous assessment system. They may request it from the professor responsible for the subject, who will expressly decide on the admission of the student's request for a single assessment and will inform them of the acceptance/denial.

In this course, in its distance learning format, the single assessment, both in the first and second chance, will consist of the final exam, which will account for 90% of the grade, along with the completion of an exercise that will be completed in conjunction with the final exam and will account for 10% of the final grade.

Synchronous sessions will be recorded so that students can follow them normally and qualify for a full grade for attendance and participation.

The use of any type of AI for practical exercises or assessment tests is not permitted in this course. The mention "with honors" may be awarded to students who have obtained a minimum grade of 9.00

## MENTION OF DISTINCTION:

The mention of "Honors" may be awarded to students who have obtained a grade equal to or greater than 9.0. Their number may not exceed five percent of the students enrolled in a group in the corresponding academic year, unless the number of students enrolled is lower.

## Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

M1 Problem solving, commentaries, summaries to hand in periodically.





- M3 Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge.
- M5 Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity.
- M7 Supervised monographic sessions with shared participation.
- M9 Application of multidisciplinary knowledge.
- M11 Personalized and small group attention. Period of instruction and / or orientation conducted by a tutor with the objective of reviewing and discussing the materials and topics presented in classes, seminars, readings, conducting work, etc.
- M13 Set of oral and/or written tests used in initial, formative or additive assessment of the student.
- M14 Student study: Group Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions.
- M16 Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions.
- M17 Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge.
- M19 Groupwork sessions in the chat under supervision of the lecturer. Analysis of economic and business case studies, both real and fictitious, in order to build knowledge through the student's interaction and activity. Critical analysis of values and social commitment.
- M21 Monographic sessions though the semester, which will be aimed at current aspects and applications of the subject.
- M23 Set of written or oral tests used for the initial, formative or cumulative assessment of the student.
- M25 Student study: Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc., for their discussion or submission in electronic format.



- M27 Individual support for the monitoring and orientation of the learning process. It will be carried out by a lecturer and will pursue the revision and discussion of the materials, topics, readings, tasks, etc.
- M29 Group preparation of readings, essays, problem solving, seminars, papers, reports, etc., for their discussion or submission.
- M31 Participation in discussion forums related to the subject under the supervision of the lecturer.



## IN-CLASS LEARNING

### IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
On-campus Class M3	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	22,50	0,90
Practical Class M5	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	15,00	0,60
Seminar M7	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	4,50	0,18
Group Presentation of Papers M9, M14	R1, R2, R3, R4, R5, R6, R7	6,00	0,24
Office Assistance M11	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	6,00	0,24
Assessment M13	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	6,00	0,24
<b>TOTAL</b>		<b>60,00</b>	<b>2,40</b>

### LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
Group Work M16	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	30,00	1,20
Independent Work M13	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	60,00	2,40
<b>TOTAL</b>		<b>90,00</b>	<b>3,60</b>



## ON-LINE LEARNING

### SYNCHRONOUS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Synchronous Virtual Session M17	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	4,00	0,16
Synchronous Virtual Practical Session M19	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	4,00	0,16
Seminar and Synchronous Virtual Videoconference M21	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	4,00	0,16
On-site or Synchronous Virtual Assessment M23	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	3,00	0,12
<b>TOTAL</b>		<b>15,00</b>	<b>0,60</b>

### ASYNCHRONOUS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Individual Work M25	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	60,00	2,40
Tutorial Support Sessions M27	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	5,00	0,20
Group Work M16	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	10,00	0,40
Discussion Forum M31	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	10,00	0,40
Continuous Assessment Tasks M1	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	50,00	2,00
<b>TOTAL</b>		<b>135,00</b>	<b>5,40</b>



## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
BLOCK I	1.- A macro perspective of the economy. GDP and prices 2.- The basic Keynesian model. Fiscal policy and the extended multiplier model
BLOCK II	3.- Equilibrium in the goods market: the IS curve. 4.- Functions of money, central bank and monetary policy. The money market: the LM curve 5.- The balance IS-LM
BLOCK III	6.- Aggregate demand and aggregate supply
BLOCK IV	7.- Cycles and Growth 8.- The foreign sector



## Temporary organization of learning:

Block of content	Number of sessions	Hours
BLOCK I	8,00	16,00
BLOCK II	12,00	24,00
BLOCK III	5,00	10,00
BLOCK IV	5,00	10,00

## References

### Textbooks (in English)

- Blanchard, O. (2017) Macroeconomics (Global Edition), 7th ed. Prentice Hall.
- Dornbusch, Rudiger, Stanley Fischer, and Richard Startz (2018). Macroeconomics (13th edition) Mcgraw-Hill.
- Mankiw, N.G. (2021). Principles of Macroeconomics, (9th edition), South-Western Cengage Learning.
- Krugman, Paul R., and Robin Wells (2018). Macroeconomics, (5th edition), MacMillan.

### Textbooks (in Spanish)

- Blanchard, O. Macroeconomía (7ª Edición) (2017). Ed Pearson.
- Mankiw, N.G. Macroeconomía (10ª Edición) (2020). Ed Antoni Bosch.
- Dornbusch, R., Fischer, S. & Startz, R. Macroeconomía (13ª edición) (2020). Ed. Mcgraw-Hill.

### Exercises (in Spanish)

- Blanco,J.M (2014) . Economía (6ª edición). Madrid: Mc Graw-Hill.
- Tugores, J., Eyerbe, J., Carrasco, C., Colom, A & Fluvía, M. (1999) (2ª ed., 4ª imp.). Introducción a la economía problemas y cuestiones. Barcelona. Vicens Vives.
- Belzunegui, B., Cabrerizo J., Padilla R. y Valero, I. MACROECONOMÍA. Problemas y ejercicios resueltos (2013). Ed. Pearson.



## Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

**Situation 1: Teaching without limited capacity** (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

**Situation 2: Teaching with limited capacity** (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

### 1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

In the particular case of this subject, these videoconferences will be made through:

☒ Microsoft Teams

☒ Kaltura



## **Situation 3: Confinement due to a new State of Alarm.**

In this case, the following changes are made:

### **1. Educational Activities of Onsite Work:**

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

☒ Microsoft Teams

☒ Kaltura

Explanation about the practical sessions:





## 2. System for Assessing the Acquisition of the competences and Assessment System

### ONSITE WORK

#### Regarding the Assessment Tools:

☒

The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐

The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

#### Comments to the Assessment System:



## ONLINE WORK

### Regarding the Assessment Tools:

☒ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐ The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

### Comments to the Assessment System: