



POLITÉCNICA

INTERNATIONAL
CAMPUS OF
EXCELLENCE

COORDINATION PROCESS OF
LEARNING ACTIVITIES
PR/CL/001



E.T.S. de Ing. de Caminos
Canales y P.

ANX-PR/CL/001-01

LEARNING GUIDE

SUBJECT

43000423 - Global Economy And International Environment In Bu

DEGREE PROGRAMME

04AG - Master Universitario En Ingenieria De Caminos, Canales Y Puertos

ACADEMIC YEAR & SEMESTER

2025/26 - Semester 2

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1. Description

1.1. Subject details

Name of the subject	43000423 - Global Economy And International Environment In Bu
No of credits	4.5 ECTS
Type	Optional/elective
Academic year of the programme	Second year
Semester of tuition	Semester 4
Tuition period	February-June
Tuition languages	English
Degree programme	04AG - Master Universitario en Ingeniería de Caminos, Canales y Puertos
Centre	04 - E.T.S. De Ing. De Caminos Canales Y P.
Academic year	2025-26

2. Faculty

2.1. Faculty members with subject teaching role

Name and surname	Office/Room	Email	Tutoring hours *
Vicente Alcaraz Carrillo De Albornoz		vicente.alcarazc@upm.es	Th - 11:00 - 14:00 F - 11:00 - 14:00
Antonio Sanchez Soliño (Subject coordinator)		antonio.sanchezso@upm.es	W - 16:30 - 20:00 Th - 16:30 - 20:00
Juan Molina Millan		juan.molina@upm.es	Th - 17:00 - 20:00 F - 17:00 - 20:00

Pablo Rodriguez Liboreiro		pablo.rodriguezl@upm.es	Tu - 11:30 - 14:30 Th - 11:30 - 14:30
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* The tutoring schedule is indicative and subject to possible changes. Please check tutoring times with the faculty member in charge.

3. Prior knowledge recommended to take the subject

3.1. Recommended (passed) subjects

- Economía

3.2. Other recommended learning outcomes

The subject - other recommended learning outcomes, are not defined.

4. Skills and learning outcomes *

4.1. Skills to be learned

CE33 - Capacidad para aplicar los conocimientos técnicos en actividades de I+D+i dentro del ámbito de la ingeniería civil.

CGP01 - Capacitación científico-técnica y metodológica para el reciclaje continuo de conocimientos y el ejercicio de las funciones profesionales de asesoría, análisis, diseño, cálculo, proyecto, planificación, dirección, gestión, construcción, mantenimiento, conservación y explotación en los campos de la ingeniería civil. Incorpora las competencias CB6, CB7 y CB8

CGP06 - Conocimiento para aplicar las capacidades técnicas y gestoras en actividades de I+D+i dentro del ámbito de la ingeniería civil. Incorpora las competencias CB6, CB7 y CB8.

CGP17 - Capacidad de aplicación de técnicas de gestión empresarial y legislación laboral. Incorpora las competencias CB6, CB7 y CB8.

CT1 - Capacidad de preparar y presentar comunicaciones orales, escritas y gráficas, estructurada y argumentadamente. Desarrolla la competencia transversal 4ª del Real Decreto.

CT2 - Polivalencia y capacidad de aprendizaje autónomo. Desarrolla la competencia transversal 5ª del Real Decreto.

CT3 - Capacidad de comunicación técnica oral y escrita en lengua inglesa. Desarrolla la competencia transversal 1ª de la normativa UPM.

4.2. Learning outcomes

RA212 - SO1 - The student knows the theoretical and methodological fundamentals and the techniques to analyse the international economy, as well as others such as financing, planning or using techniques and business management related to infrastructures and civil engineering services in an international context.

* The Learning Guides should reflect the Skills and Learning Outcomes in the same way as indicated in the Degree Verification Memory. For this reason, they have not been translated into English and appear in Spanish.

5. Brief description of the subject and syllabus

5.1. Brief description of the subject

The course is focused on International Economics. The teacher will explain the concepts necessary to understand the contents of the course in order for the student to achieve the expected indicators. The teacher will use appropriate practical examples and logical reasoning to develop the scientific and technical abilities of the student. The participation of students will be encouraged by means of discussions on the topics taught.

5.2. Syllabus

1. Economic structure ratios
2. Developments in the international relations framework
3. Introduction to International Economics
4. Globalization of the economy
5. Institutions and functioning of the European Union
6. Country risk analysis. Case studies
7. Management of international projects of infrastructures and services
8. The external activity of the Spanish construction and engineering companies. Case studies

6. Schedule

6.1. Subject schedule*

Week	Type 1 activities	Type 2 activities	Distant / On-line	Assessment activities
1	Unit 1: Theory and practice lessons Duration: 02:00 Lecture Unit 1 Duration: 01:00 Problem-solving class			
2	Unit 2: Theory and practice lessons Duration: 03:00 Lecture			
3	Unit 2: Theory and practice lessons Duration: 01:00 Lecture Unit 2 Duration: 02:00 Problem-solving class			Attendance and exercises Individual presentation Progressive assessment Not Presential Duration: 02:00
4	Unit 3: Theory and practice lessons Duration: 03:00 Lecture			
5	Unit 3: Theory and practice lessons Duration: 03:00 Lecture			
6	Unit 4: Theory and practice lessons Duration: 03:00 Lecture			Attendance and exercises Individual presentation Progressive assessment Not Presential Duration: 02:00
7	Unit 5: Theory and practice lessons Duration: 03:00 Lecture			
8	Unit 6: Theory and practice lessons Duration: 03:00 Lecture			
9	Unit 6: Theory and practice lessons Duration: 01:00 Lecture Unit 6 Duration: 02:00 Additional activities			Attendance and exercises Individual presentation Progressive assessment Not Presential Duration: 02:00

10	Unit 7: Theory and practice lessons Duration: 03:00 Lecture			
11	Unit 7: Theory and practice lessons Duration: 02:00 Lecture Unit 7 Duration: 01:00 Additional activities			
12	Unit 8: Theory and practice lessons Duration: 03:00 Lecture			Attendance and exercises Individual presentation Progressive assessment Not Presential Duration: 02:00
13	Unit 8: Theory and practice lessons Duration: 03:00 Lecture			
14	Unit 8: Theory and practice lessons Duration: 03:00 Additional activities			
15	Unit 8: Theory and practice lessons Duration: 03:00 Additional activities			
16				Final exam Written test Progressive assessment Presential Duration: 02:00 Final exam Written test Global examination Presential Duration: 02:00
17				

Depending on the programme study plan, total values will be calculated according to the ECTS credit unit as 26/27 hours of student face-to-face contact and independent study time.

7. Activities and assessment criteria

7.1. Assessment activities

7.1.1. Assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
3	Attendance and exercises	Individual presentation	No Presential	02:00	10%	/ 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06
6	Attendance and exercises	Individual presentation	No Presential	02:00	10%	/ 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06
9	Attendance and exercises	Individual presentation	No Presential	02:00	10%	/ 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06
12	Attendance and exercises	Individual presentation	No Presential	02:00	10%	/ 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06
16	Final exam	Written test	Face-to-face	02:00	60%	4 / 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06

7.1.2. Global examination

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
16	Final exam	Written test	Face-to-face	02:00	100%	5 / 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06

7.1.3. Referred (re-sit) examination

Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
Extraordinary final exam	Written test	Face-to-face	02:00	100%	5 / 10	CE33 CT1 CT2 CT3 CGP17 CGP01 CGP06

7.2. Assessment criteria

Result of the evaluation through continuous assessment

The final score will be the weighted average of the results according to the indicated weights.

The subject will be passed if the final score is equal or greater than 5.

Those students with a score less than 5 will not pass the subject and will have another opportunity in the second period examination (extraordinary). This exam will have the through final exam evaluation structure.

Result of the evaluation through final exam only

The final score will be the one obtained in the final exam. The subject will be passed if the final score is equal or greater than 5.

8. Teaching resources

8.1. Teaching resources for the subject

Name	Type	Notes
Requeijo,J. et al. Técnicas básicas de estructura y coyuntura económicas. Editorial Sanz y Torres.	Bibliography	
Tamames, Ramón and G. Huerta, Begoña (2010): Estructura Económica Internacional. 21ª edición. Alianza editorial. Madrid	Bibliography	

Requeijo, J. Economía Mundial. Editorial McGraw Hill	Bibliography	
Palazuelos et al. Economía Política Mundial. Akal	Bibliography	
Giddens, A. (2007): Europa en la era global. Ed. Paidós Ibérica, Barcelona	Bibliography	
Moodle	Web resource	