







UNIVERSIDAD DE MÁLAGA

courses and programmes



www.uma.es/centrointernacionaldeespanol



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INTERNATIONAL CENTRE FOR SPANISH

UNIVERSITY OF MALAGA



WELCOME



From the Office of the Vice Rectorate for Internationalization, we would like to welcome you to the University of Malaga; a young yet mature institution, facing the exciting challenge of internationalization with the confidence it has the necessary capabilities and resources to become an academic institution of international renown. Moreover, the International Centre for Spanish has long been a key element in the internationalisation process to which the University of Malaga is committed.

The University is privileged to be situated in the historical city of Malaga, the focus of attraction for many cultures due to its strategic location on the Mediterranean coast, and for its magnificent climate. Throughout history, Phoenicians, Romans and Muslims have all been drawn to Malaga, leaving behind a rich cultural heritage and shaping the vibrant, open character of the people.

Today, Malaga is a busy, cosmopolitan city with excellent infrastructure and services, a combination which provides an enviable lifestyle for its inhabitants. The city remains a centre of attraction for countless visitors who, captivated by its many charms, frequently decide to set up permanent residence here.

As Vice-Rector for Internationalisation, and proud to be Malaga-born, I hope your stay in our city is enjoyable, and that you leave here wishing to return as soon as possible to what Nobel Prize winner Vicente Aleixandre called the 'City of Paradise'.

A warm welcome awaits you here.



GENERAL INFORMATION



1. FACILITIES AND SERVICES AT OUR CENTRE (EL PALO CAMPUS, MÁLAGA)

- Main building: 2.000 m² three-storey building.
- Reception area: a spacious area used as a reception area for students, lectures, DELE examinations and other activities.
- Classrooms: 25 classrooms (with adaptable room layouts and features).
- Teachers' room.
- Reading room: a place to study, read or consult material.
- Patios: two open-air patios inside the main building.
- Multicultural classroom: area for extracurricular activities, where students can study, revise, relax and socialise.
- Secretary's office: administration and information office.
- Wi-Fi network: Wi-Fi connection for students enroled at our school.
- Computer laboratory: only for students of the Centre.
- Meeting room.
- Autobar.

2. SERVICES CLOSE TO OUR CENTRE

- Bus stops: 50 m. from our Centre, in Avenida de Juan Sebastián Elcano (routes 11, 3 and N-1).
- **Taxi rank:** in the same street as our Centre, Avenida de la Estación, El Palo.
- Post office: 50 m. from our Centre, in Avenida de Juan Sebastián Elcano, 178.
- El Palo beach: 100 m. from our Centre, with restaurant services, some under agreement with the CIE-UMA.
- Police station: 450 m. from our Centre, in Avenida de Juan Sebastián Elcano, 149.
- Health Center: 250 m. from our Centre, in Avenida de Salvador Allende, 159.
- El Palo municipal market: 100 m. from our Centre, in Calle Alonso Carrillo de Albornoz, 3.

3. EXTRACURRICULAR ACTIVITIES

- Social gatherings, parties and conferences: Students will be notified in advance.
- Guided tours: Visits to historical and monumental landmarks and other.
- Excursions: visits to the most interesting towns in the province of Malaga and in Andalusia. Our specialised teachers will act as guides and provide information about the most important historical and artistic aspects.
- Language Interchange: This activity with Spanish students will be notified in advance.

Prices of these activities, when not included in the registration fee, will be notified in advance.

4. TEACHING METHODOLOGY

- The University of Malaga International Centre for Spanish has been designated an "accredited centre" by the Cervantes institute.
- The teaching staff at the International Centre for Spanish consists of PhD holders and graduates, highly qualified in the teaching of Spanish as a Foreign Language.
- A wide variety of audiovisual and technological materials is used in class.
- The eclectic methodology alternates, according to the situations, components of the structural and highly contrasted communicative methods.
- With the University of Malaga Virtual Campus and specialised tutorials students can reinforce their knowledge, practice and solve any doubts that may have arisen in class.
- Students will be informed about the textbooks they should purchase when these are not included in a given course.
- Cultural Mediation: programme specialising in interaction among students to help them in the integration process.



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5. HEALTH INSURANCE

• Health insurance is included in the registration fees.

6. ACOMMODATION

The Centre will provide information about accommodation on request.

Type of accommodation	Type of room	Accomodations	Included services
APARTMENT	 Individual room in shared flat Double room in shared flat Private apartment 		Internet, weekly cleaning, electricity and water bills
RESIDENCE	Individual RoomDouble Room	· Full Board	Internet, weekly cleaning, electricity and water bills
HOST FAMILY ACCOMMODATION	Individual RoomDouble Room	 Accommodation and Breakfeast Half Board Full Board 	Internet, weekly cleaning, electricity and water bills

Information: www.uma.es/centrointernacionaldeespanol



1 INTENSIVE SPANISH COURSE



This course is designed for those who wish to learn or improve their Spanish in a short time. At the end of the course (of either two weeks or one month in duration) students will be able to understand and use Spanish in their daily lives, as well as gain a greater insight into Spanish culture through the extra activities on offer.

- MONTHLY COURSE: 90 hours
- Number of students per class: 8 14
- ECTS Credits: 9
- Included:
 - University of Málaga student ID card, allowing free access to all university facilities.
 - Health insurance.
 - 1 textbook.
 - Supplementary activities: visits around the most emblematic sites in the city, talks / debates, Spanish Films Sessions...
- TWO-WEEK COURSE: 45 hours (held the first two weeks of each month)
- Number of students per class: 8 14
- ECTS Credits: 4.5
- Included:
 - University of Málaga student ID card, allowing free access to all university facilities.
 - Health insurance.
 - 1 textbook.
 - · Supplementary activities: visits around the most emblematic sites in the city, talks / debates, Spanish Films Sessions...

Useful information (for the two-week and month-long intensive courses):

- Certificates (price included in the enrolment fee): University of Malaga certificate: To obtain the certificate, students must attend at least 80% of the classes and pass the final exam. Students who do not pass the final exam and attend at least 80% of the classes, receive an attendance certificate.
- **Timetable:** Monday Friday, 9:00 13:00. During the first days of the course, class times may be from 9:00 14:00 in order to complete the number of course hours.
- Levels: there are six levels of this course which correspond to the Common European Framework of Reference (A1, A2, B1, B2, C1 and C2). These courses are offered providing the minimum number of students required is reached after the completion of the level placement test.

During the first two hours at the start of the course, students will take a level placement test. During the last three hours on the last day of the course, students will take a final exam of the level studied.



2. HISPANIC STUDIES COURSE



This is a Spanish language course of longer duration, combining language learning with Spanish culture (literature, history, art, geography and society).

- Number of hours: 225
- Number of students per class: 9 15
- ECTS Credits: 22.5
- Included:
 - University of Málaga student ID card, allowing free access to all university facilities.
 - Health insurance.
 - 2 textbook per term.
 - Supplementary activities: visits around the most emblematic sites in the city, talks / debates, Spanish Films Sessions...

Dates				
1 st Term 2 nd Term		3 rd Term	4 th Term	
January - March	April - June	July - September	October - December	

Useful information:

- Certificates (price included in the enrolment fee): University of Malaga certificate: To obtain the certificate, students must attend at least 80% of the classes and pass the final exam. If the exam is not passed successfully, students can obtain an Attendance Certificate, providing they have attended at least 80% of the classes.
- **Timetable:** Monday to Friday, 10:00 14:00. For months with public holidays, class times may be from 09:00 14:00 in order to complete the number of course hours.
- Levels: there are six levels of this course, which correspond to the Common European Framework of Reference (A1, A2, B1, B2, C1, C2). These courses are offered providing the minimum number of students required is reached after the completion of the placement test.

On the first day of the course students will take a level placement test. On the last day of the course students will take an exam of the level studied.



3 COURSE FOR ERASMUS AND INTERNATIONAL EXCHANGE STUDENTS



A Spanish course for university students, to consolidate, improve and acquire the required skills in Spanish to be able to follow university courses and start the teaching-learning process at the University of Malaga.

- Monthly course: 40 hours
- Minimum number of students per class: 15 25
- ECTS Credits: 4
- Reduced price for Erasmus and International exchange students at the University of Malaga
- Date: February and September
- Included:
 - Health insurance.
 - 1 textbook.
 - Supplementary activities: visits around the most emblematic sites in the city, talks / debates, Spanish Films Sessions...

Useful information:

- Certificates (price included in the enrolment fee): University of Malaga Own-Degree: To obtain the certificate, students must attend at least 80% of the classes and pass the final exam. If the exam is not passed successfully, students can obtain an Attendance Certificate, providing they have attended at least 80% of the classes.
- Levels: there are six levels of this course, which correspond to the Common European Framework of Reference (A1, A2, B1, B2, C1 y C2). These courses are offered providing the minimum number of students required is reached after the completion of the level placement test.

On the first day of the course, students will take a level placement test. On the last day of the course, students will take an exam of the level studied.



LINGUISTIC REINFORCEMENT COURSE FOR ERASMUS AND INTERNATIONAL EXCHANGE STUDENTS



This course has been designed for Erasmus and International Exchange students who wish to improve their Spanish Language level. It is compatible with studies at the different faculties and schools of the University of Malaga. Depending on demand, classes will be held at Teatinos or El Ejido campuses.

- Three-month course: 45 hours
- Minimum number of students per class: 8
- ECTS Credits: 4.5
- Included:
 - Health insurance.

Dates			
March - May	October - December		

Useful information:

- Certificates (price included in the enrolment fee): University of Malaga Own-Degree: To obtain the certificate, students must attend at least 80% of the classes and pass the final exam. If the exam is not passed successfully, students can obtain an Attendance Certificate, providing they have attended at least 80% of the classes.
- Levels: there are six levels of this course, which correspond to the Common European Framework of Reference (A1, A2, B1, B2, C1 y C2). These courses are offered providing the minimum number of students required is reached after the completion of the level placement test.



5 TRAINING PROGRAMME FOR ELE TEACHERS



Teaching Spanish as a Foreign Language

This course is designed to introduce the main methodological trends as well as the latest developments in this area of education.

• **Target group:** Ph.D. holders, university graduates and teachers interested in the latest methodological approaches and the application of new technology related to teaching Spanish as a second language.

- Minimum number of students: 10
- Number of hours: 30
- ECTS Credits: 3
- Included:
- Health insurance.
- Dates: July.

Useful information:

- Class times: from 08:30-14:30.
- Certificates (price included in the enrolment fee): University of Malaga Own-Degree: To obtain the certificate, students must attend at least 80% of the classes and pass the level final exam.
- **Contents:** Theory classes; individual or collaborative workshops; individual and group work sessions and introduction to the latest publications on the teaching of Spanish as a Foreign Language.



6 ONE-TO-ONE INTENSIVE CLASSES



Spanish language and / or classes in Spanish culture adapted to meet the needs of individual students.



1. Programmes in Collaboration with Foreign Universities

Due to the agreements signed by the University of Malaga with academic institutions around the world, the International Centre for Spanish has ample experience in the organization and implementation of specific programmes for such institutions. Among our most recent programmes are: Dickinson, Salisbury and Spelman (United States), Sichuan and Wuhan (People's Republic of China) as well as Incheon (South Korea).

2. Tailor-Made Programmes

The International Centre for Spanish of the University of Malaga designs many teaching programmes of Spanish as a Second Language, to meet the unique educational needs of universities, companies and public and private institutions worldwide. If you would like us to design a tailor-made course for you, please inform us of your special requirements.



8 DELE PROGRAMME



1. Spanish Language Course for the DELE examinations

The aim of this course is to prepare students for the Cervantes Institute's DELE exam. To prepare for the exam, students will do exercises and official practice tests.

- Number of hours: 20
- Number of students per class: 5 10
- Levels: A1 C2
- Included:
 - University of Malaga student I.D. card, allowing free access to all University of Malaga facilities.
 - · Health insurance.

Dates					
March - April	April - May	June - July	September - October	October - November	

Useful information:

- Class time: 15:30 17:00 (Mondays, Wednesdays and Thursdays). In June, classes are from 13:30 15:00.
- Certificates (price included in the enrolment fee): To obtain the certificate, students must attend at least 80% of the classes.

2. DELE exams (Diploma in Spanish as a Foreign Language)

(in collaboration with the Cervantes Institute)

The University of Malaga is an official examination centre for the Cervantes Institute's *diplomas de Español como Lengua Extranjera* (diplomas in Spanish as a Foreign Language).

Levels					
Level A1	Level A2	Level B1	Level B2	Level C1	Level C2
Level A1 for schools		Level A1/B1 for schools			

DELE exams for school are aimed at Spanish students between 11 and 17 years old. Registration and payment will be made exclusively centralized on the website of the Instituto Cervantes.



ONVERON

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Aimed at foreign students, this course combines a Spanish language course with the business world, culture, art, engineering and Spanish society. The course is given in English.

- Number of hours: 45
- Minimum number of students: 5
- ECTS Credits: 4.5
- Included:
 - University of Malaga student ID card, allowing free access to all university facilities.
 - Health insurance.
- Certificates (price included in the enrolment fee): University of Malaga Own-Degree: To obtain the certificate, students must attend at least 80% of the classes and pass the final exam. Please ask about course dates and place availability before registration.

Dates			
1 st Term	2 nd Term	3 rd Term	4 th Term
January - March	April - June	July - September	October - December

AREA OF HUMANITIES

1. From El Greco to Picasso: The Grand Masters of Spanish Painting

The works of El Greco, Velázquez, Goya and Picasso are of paramount importance in the history of Spanish, and Western painting. This course will help students to understand the artistic value of these works in their socio-historical context.

2. Spanish Art and Architecture

The course starts with a short introduction on how to analyse art (painting and architecture). Following this introduction, artistic movementsand artists are examined. Finally, students will give presentations on selected artists and topics.

3. Christians, Jews and Muslims in Spain

This course analyses the evolution of the complex relationship between these three religions in Iberia within a political, economic, religious, cultural and artistic context.

4. Intercultural Management

Understanding the impact of culture on international business management is essential for those who wish to benefit from a cross-cultural studying / working experience.

5. Cross-Cultural Psychology

Students will receive an introduction to theoretical and empirical studies on the role of culture in human behaviour, while also reflecting on cross-cultural transitions, and personal challenges faced in a foreign culture. Students then integrate experience and newly-acquired knowledge into culturally diverse working contexts.

6. Gender Issues in North America and The Hispanic World: Cross Cultural Perspectives

This course examines the evolution of gender issues in North America and Latin America, starting with their origins in Europe. Also examined are the various cultural and political factors which help explain the differing approaches to gender among Hispanic and Anglo-Saxon societies.





AREA OF ECONOMICS AND SOCIAL SCIENCES

1. Criminal Sociology

Criminal Sociology analyses cultural norms; how norms have changed throughout history; how they are enforced; how they condition social life and how individuals and societies are affected when norms are broken.

2. Information Technology in Tourism Management

To gain knowledge of, and apply, Information and Communication Technologies (ICT) in the tourism industry.

3. International Finance

This introductory course provides students with the tools and methods to study, analyse and understand international economic issues and problems.

4. International Marketing

The objective of this program is to introduce and help students understand the complex issues involved in commercial operations in the international markets. Special attention will be paid to the influence of cultural differences. Students will be provided with the relevant material for each unit.

5. International Relations: Spain as a Gateway to Europe, Africa and Latin America

This course is designed to familiarise students with the changes in our world. After analysing the inherent difficulties of maintaining good relations at local and international level, students will examine the historical record of developed countries in the 20th century, the Cold War, and the ensuing changes after the disintegration of the USSR.

6. Social research method

This course shows students how to carry out social research. During this course the student will pass through the different stages of a social research project.

7. Big Brother Contestants: a kind of Employment Contract Relation

Legal analysis of the contract labour institution. Study and knowledge or worker and employer, with special focus on the legal requirements set for their action in legal traffic.

8. The European Union and Current challenges

This course aims to "open a critical window" to the future of this common project from the current situation, covering much more than just basic historical events, the working of political institutions or economic integration.

9. The Good, the Right and the Fair Thing: What is the Aim of Industrial Relations?

Development of research projects (regarding the configuration of industrial relations). Analysis of the economy of communion and the common good economy.





AREA OF ENGINEERING

1. Algorithms: Design and Analysis

Techniques for the design and analysis of efficient algorithms, with special emphasis on methods useful in practice.

2. Artificial Intelligence in Games

Introductory course on Artificial Intelligence. The topics may include: AI fundamentals; intelligent agents; heuristic search algorithms; adversarial game playing; reinforcement learning and neural networks.

3. Automatic Control

Fundamentals of Automatic Control. Linear systems. Mathematical Tools. Transfer Functions. Time Response and Stability. Analysis and Design of Control Systems. Applications in Engineering.

4. Biomedical Computational Modeling

Fundamentals of biological systems modeling. Mathematical Modeling of Biomedical Systems. Computational modeling tools. Multi-physics models of biological systems. Physiological systems control modeling. Biological Systems modeling.

5. Computer Design and the Hardware/Software Interface

The objective is to understand the design and organization of a modern computer and the connection between the software and hardware.

6. Concurrency and Parallel Programming

Concurrent programming, threads, Java, C, parallel programming, many-core technologies.

7. Data Communication Networks

This course covers the fundamentals of data communication networks, with the aim of providing insight on how networks are structured and how they operate, with special focus on Internet and Local Area Networks. The course covers topics from the physical layer, such as digital/analog transmission and multiplexing, to the services provided to end-users in the application layer.

8. Database Querying is not limited to Computer Science

Relational databases have become a standard to store information. Until recently, database access was limited to IT professionals. Nevertheless, nowadays a professional of any field has to be able to develop deep analysis of the data handled in a professional environment.

9. Developing .NET Application with C#

Microsoft Visual C# is one of the most popular programming languages designed specifically for Microsoft's powerful .NET platform. C# has become a language of choice for implementing Windows applications that integrate with the Internet and the Web and also for the development of ASP. Net Web Applications. This course aims to help beginners become literate in Visual C# developers.

10. Foundation for Signal Processing

Signals and Systems is an introduction to analog and digital signal processing, which forms an integral part of engineering systems in many diverse areas including: seismic data processing; communications; speech processing; image processing; defense electronics; consumer electronics and consumer products.

11. FPGA-based Digital System Design

Design of digital systems based on programmable logic.



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12. Fundamentals of Programming

Computer Programming.

13. Hardware Plataform for Digital Signal Processing

Design of digital signal processing systems based on hardware platforms including DSPs and FPGAs.

14. Intelligent System

A first course in Artificial Intelligence which covers both the Symbolic and Computational Intelligence approaches.

15. Introduction to Computer Vision

Algorithms and methods which enable computers to extract information about the world through images captured by sensing devices (e.g.cameras) connected to the computer.

16. Introduction to Digital Signal Processing using Matlab

Digital signal processing is widely used in areas ranging from speech and image processing to advanced communication receivers. This course offers a theoretical-practical approach to digital signal processing, with extensive Matlab examples to illustrate the theoretical concepts.

17. Microbotics (Mocrocontroller based robotics)

This course will deal with microcontroller-based robot design. The focus is mainly on design at the lower levels: electronics; mechanics. The design process will cover components selection to microcontroller programming, in order to reach a functional prototype.

18. Network and Distributed System

Internet layered network structure; basic protocol functions such as addressing, multiplexing, routing, forwarding, flow control, re-transmission error recovery schemes, and congestion control; overview of link, network and transport layer protocol standards, following a bottom-up approach; introduction to wireless and mobile networks. This course will also give hands-on experience in network programming using the socket API in C and Java programming languages.

19. Physics for Video Games

Physics; Computer Simulation; Numerical Methods





AREA OF ARCHITECTURE

1. Architecture and landscape

The contents of projects, analysis and interventions will focus on intervention in an established urban and natural environment; the role in shaping the environment and the city as a whole; the various stages of a coherent overall design process, from the phases of urban, architectural and detailed designs.

2. Studio 6

The course will present two different project challenges. The first exercise will feature a small, controlled, conceptual project-study where fundamental themes such as light, form, and space are considered. Students will be encouraged to use their creative freedom and to explore different architectural variables in order to arrive at a final design solution.



ACTIVITIES



The International Centre for Spanish of the University of Malaga offers students a wide variety of activities to do outside class time.

Every Tuesday and Thursday afternoon, students can learn more about Malaga and Spanish culture and society firsthand. On weekday evenings, our teaching staff organizes Spanish film sessions, talks on topics related to the culture of Malaga and Spain, together with visits to places of interest in the city, such as the Picasso Museum, the Alcazaba of Malaga, the Centre for Contemporary Art and the Municipal Heritage Museum.

Apart from the activities we offer during the week, we also want students to take advantage of the weekends. So, every Saturday we organize trips to other towns and cities in the province of Malaga, such as Ronda, Antequera and Marbella. We also organize trips to other main cities in Andalusia including Granada, Seville and Cordoba.

If students would like to do adventure sports, there are opportunities for surfing in Tarifa (Cadiz), skiing and snowboarding in Sierra Nevada (Granada) or scuba diving at one of the many diving centres along the coast.













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SUPPLEMENTARY ACTIVITIES



These activities, included in the registration fee, are held either at the Centre or elsewhere. They take place outside class time. Participation in these activities will be positively evaluated in the final qualification of the course.

- Spanish Film Sessions: An opportunity to see some of the latest Spanish films. This is a great way of improving knowledge of the Spanish language, whilst at the same time getting an insight into the Spanish culture.
- **Talks/Debates:** Informal presentations or talks on Spanish culture and society, including Spanish history, festivals, cuisine, customs, etc. The talks are given by our teachers and are followed up by debates, question time and student participation.
- Visits to landmarks in Malaga: Teachers accompany and guide students around the most emblematic sites in the city including the historic centre, museums, monuments, natural areas, etc.



INTERNATIONAL CENTRE FOR SPANISH UNIVERSITY OF MALAGA





The University Sports Secretariat Activities Programme includes numerous activities grouped under the following categories: Activities for Health, Fitness Activities, Sports Classes, Outdoor Activities, Activities for Children and Young People and Water Sport Activities.

Golf

SPORT

- Paddle Tennis
- Tennis
- Diving
- Pilates
- Gym













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These activities usually take place at weekends. The prices of these activities have been fixed with our students in mind.

- We offer excursions to:
 - · Ronda
 - · Antequera
 - · Marbella
 - · Granada
 - · Seville
 - · Cordoba
- We organise adventure sport activities. Depending on the season, these include:
 - · Ski / Snowboard in Sierra Nevada (Granada)
 - · Surf / Kite Surf in Tarifa (Cadiz)
 - · Diving / Paddle Surfing in Nerja (Malaga)
- Depending on your dates of stay at the Centre, there are opportunities to participate in other activities including:
 - Carnival Week
 - Holy Week Processions
 - The Annual Fair





















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