

**COURSE DATA****DATA SUBJECT****Code:** 36297**Name:** Intervention in Autism Spectrum Disorders**Cycle:** Undergraduate Studies**ECTS Credits:** 4.5**Academic year:** 2026-27**STUDY (S)**

Degree	Center	Acad. year	Period
1339 - Grado en Maestro/a Educación Primaria	Facultat de Formació del Professorat	3	

SUBJECT-MATTER

Degree	Subject-matter	Character
1339 - Grado en Maestro/a Educación Primaria	Especialista en Audición y Lenguaje	ELECTIVES

COORDINATION

GONZALEZ MORENO JESUS

SUMMARY

The increase in the prevalence of Autism Spectrum Disorders (ASD) is an indisputable fact, although the reasons remain unclear. The scientific community is asking how a disorder with these characteristics still cannot be reliably diagnosed before the age of three. The basic answer to this fundamental question is that ASD may have diverse causes and its early symptoms may show considerable clinical variability in both presentation and severity. ASD is characterised by severe and early difficulties (before the age of three) in social, communicative, language and symbolic play development, accompanied by repetitive and restricted behaviours and interests.

The absence of an aetiological diagnosis does not mean that a syndromic and functional diagnosis cannot be made. Screening systems, rather than diagnostic tools, have now been developed that can identify warning signs from 18 months of age. Early intervention has proved highly effective. Psychoeducational intervention should continue throughout schooling and address all areas in which students with ASD experience difficulties.

This course contributes to the achievement of the Sustainable Development Goals (SDGs), particularly quality education (SDG 4), gender equality (SDG 5) and reduced inequalities (SDG 10), by promoting teacher education committed to inclusion and equity.

PREVIOUS KNOWLEDGE



RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

COMPETENCES / LEARNING OUTCOMES

1305 -

Analyse critically the most relevant issues in today's society that affect family and school education: social and educational impact of audiovisual languages and of screens; changes in gender and inter-gender relations; multicultural and intercultural issues; discrimination and social inclusion, and sustainable development; Also, carry out educational actions aimed at preparing active and democratic citizens, committed to equality, especially between men and women.

Assume that teaching must be perfected and adapted to scientific, pedagogical and social changes throughout life.

Be able to use public and private resources to attend special educational needs derived from communication, language, speech and voice disorders.

Be familiar with the different terms and the essential characteristics of the developmental alterations that may occur in relation to communication, language, speech and voice.

Collaborate in the curricular adaptations to attend students with special educational needs derived from communication, language, speech and voice disorders.

Communicate observations and conclusions regarding assessment and intervention practices to other professionals and the family, both orally and in writing.

Contribute to improving communication skills through oral language and/or the use of augmentative communication systems.

Design, plan and evaluate teaching and learning classroom activities in multicultural and co-educational contexts.

Express oneself orally and in writing correctly and appropriately in the official languages of the autonomous region.

Identify and plan the resolution of educational situations that affect students with different abilities and different learning rates, and acquire resources to favour their integration.

Know and apply basic educational research methodologies and techniques and be able to design innovation projects identifying evaluation indicators.

Know and be able to use the resources that information and communication technologies offer for the treatment of communication, language, speech and voice disorders.

Know and critically evaluate the fundamentals of different techniques for intervention in communication,



language, speech and voice disorders.

Know how to work as a team with other professionals within and outside the school to attend to each student, to plan the learning sequences and to organise work in the classroom and in the play space.

Know strategies for the early detection of alterations in communication, language, voice and speech.

Know the biological and psychological principles needed for understanding communication, language, speech and voice disorders.

Know the processes of interaction and communication in the classroom.

Master the basics of assessment in communication, language, speech and voice disorders.

Master the organisational strategies of the school context for the educational care of special educational needs related to communication, language, speech and voice disorders.

Promote cooperative work and individual work and effort.

Recognise the identity of each educational stage and their cognitive, psychomotor, communicative, social and affective characteristics.

Understand that systematic observation is a basic tool that can be used to reflect on practice and reality, and to contribute to innovation and improvement in education.

Use information and communication technologies effectively as usual working tools.

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Achieve the progressive integration of each student into the school community, according to their specific cultural, psychological and sociological characteristics.

Apply basic educational research methodologies and techniques, and be able to design innovation projects with appropriate evaluation indicators.

Carry out curricular adaptations to support pupils with special abilities and those with mild learning difficulties.

Collaborate in the identification and assessment of special educational needs.

Commit to professional teaching development and lifelong learning adapted to scientific, pedagogical and social changes.

Communicate effectively, both orally and in writing, in the official languages of the autonomous community.

Communicate orally and in writing observations and conclusions regarding assessment and intervention practices to other professionals and families.

Contribute to organising school responses to meet students' special educational needs.



Contribute to the design, development and implementation of solutions that respond to social needs, taking the Sustainable Development Goals as a reference framework.

Critically analyse and incorporate the most relevant contemporary social issues affecting family and school education, including the social and educational impact of audiovisual media and screens, multiculturalism and interculturality, and social inclusion.

Demonstrate the ability to prevent, identify and respond to sexual violence within educational settings, in accordance with Organic Law 10/2022.

Design, plan and evaluate teaching activities and classroom learning in multicultural and co-educational contexts.

Design and implement effective tutorial action across all areas.

Develop an in-depth understanding of all the possibilities offered by educational compensation programmes.

Develop individual curricular adaptations to support students with special educational needs.

Establish cooperative networks with institutions and families.

Identify and remove barriers to the inclusion of pupils with different abilities and learning rates.

Promote cooperative work as well as individual effort and achievement.

Promote educational initiatives aimed at preparing active and democratic citizens committed to equality and inclusion.

Recognise the identity of each educational stage and its cognitive, psychomotor, communicative, social and emotional characteristics.

Support the development of children with special educational needs through adapted physical education and the use of music and visual arts expression.

Support the integration of students with special educational needs into the school community.

Teach pupils and their environment to communicate using the most appropriate communication system for their characteristics.

Teach pupils to communicate in an empathetic and assertive manner.

Understand, from an educational perspective, inequalities based on sex and gender in society, and integrate the different needs and preferences related to sex and gender into the design of solutions and problem-solving processes.

Understand and critically evaluate the foundations of different intervention techniques.

Understand that systematic observation is a fundamental tool for reflecting on practice and reality, and contribute to innovation and improvement in education.

Understand the basic principles of emotional education and be able to design effective interventions.



Understand the biological, psychological and socio-environmental variables associated with the schooling of students with special educational needs arising from diverse causes.

Understand the processes of interaction and communication in the classroom.

Understand the tools that information and communication technologies provide for addressing diversity in education.

Use information and communication technologies appropriately to support the educational needs of pupils with special educational needs.

Use information and communication technologies confidently as standard professional tools.

Use public and private resources appropriately to support learner diversity.

Work effectively as part of a multidisciplinary team, both within and outside the educational setting, to support each pupil, plan learning sequences and organise classroom and play-based learning environments.

DESCRIPTION OF CONTENTS

1. 1. Conceptual evolution of the concept of Autism Spectrum Disorder: From Kanner to DSM-V

1.1.- Historical evolution of the concept: From mental illness to developmental disorder.

1.2.- Evolution of diagnostic criteria

1.3.- From Childhood Autism to Autism Spectrum Disorder

2. Biological Bases / Etiology of Autism Spectrum Disorders

1.- Prevalence of the disorder: Concept and evolution.

2.- Concept syndromic autism versus idiopathic autism

2.- Etiology of Autism Spectrum Disorders

3. Explanatory Models of Autism Spectrum Disorders

1.- Towards a theory on the pathogenesis of the disorder



- 2.- Cognitive models:
- 2.1.-The theory of the Mind
- 2.2.- Theory of central coherence
- 2.3.- Theory of the Executive Function
- 2.4.- Socio-affective theory

4. Screening, Evaluation and Diagnostic Tools

- 1- Detection instruments: MCHAT, CSBS, CAST and others
- 2.- Instruments for assessing competences:
- 3.- Instruments for evaluating symptoms (ADOS, ADI-R, etc.)

5. Behavioral Principles in ASD Intervention

- 1.- Discrete Trial Teaching
- 2.- Pivotal Response Training
- 3.- Initiation (Prompting)
- 4.- Incidental teaching
- 5.- Economy of tokens
- 6.- Cost of response
- 7.- Differential reinforcement
- 8.- Time of waiting
- 9.- Behavioral modeling
- 10.-Naturalistic Developmental Behavioral Intervention

6. Intervention in ASD

- 1.- Concept of intervention
- 2.- Intervention models based on evidence
- 3.- Design of the intervention

7. Intervention in the School

- 1.- TEACCH



- 1.1. Structured learning
- 2.- Specific learning difficulties
- 3.- Learning among equals
- 4.- Principles of Learning Design for all

8. Intervention in Communication and Language

- 1.- Communicative and linguistic profiles in Autism Spectrum Disorders
- 2.- Evaluation of communicative competence
- 3.- Development of communicative intentionality and expressive communicative behaviors
- 4.- Augmentative and/or Alternative Communication Systems
 - 4.1.- PECS
 - 4.2.- Benson Schaeffer

9. Intervention in Social Skills

- 1.- Socio-emotional skills in students with Autism Spectrum Disorder
- 2.- Recognition and expression of emotions programs
- 3.- Social skills development programs

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theoretical and practical classes	45,00
Total hours	45,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	0,00
Independent study and work	67,50
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	67,50



TEACHING METHODOLOGY

Various active methods will be combined. The concepts of each block are introduced during face-to-face classes in a participatory manner, combining the exposition of examples and practical cases. The timing is not chronological, as the activities and contents of the different blocks will be extracted at the same time. The sessions will always be theoretical-practical.

The participation of the students is considered indispensable so the teachers will propose in advance the topic of discussion.

The practical activities will be individual or group in order to meet the specific competencies.

Given the characteristics of the course and the degree, it is essential to attend to skills and attitudinal competences such as the expository, creative and interpretive aspect, cooperative work, attitudes and values implicit in the development of practical activities.

Use will be made of the e-learning Virtual Classroom platform made available by the University of Valencia in addition to the face-to-face classes. Virtual tutoring will be used via email and attempts will be made to give timely feedback to all the papers presented by the students.

EVALUATION

The evaluation shall include the following paragraphs:

- 1.- The teaching staff will evaluate the class attendance (5%).
- 2.- Evaluation based on the work and activities proposed by the teaching staff (35%).
- 3.- Examination aimed at assessing the basic theoretical knowledge related to the contents of the subject (60%).

It will be required to pass the subject, both in first and second call:

- Pass the exam reaching a minimum of 50% domain. This section is recoverable in second call.
- Obtain a minimum of 50% of the score for the work and activities proposed by the teaching staff. This section is recoverable in the second call through a specific activity-based skills test.



When calculating the rating for the overall assessment, it may be considered that:

- the paragraphs referred to in the assessment shall be added together only if the minimum requirements laid down on a mandatory basis are exceeded.
- Class attendance is not required to pass the course, but has a character not recoverable in second call. Therefore, students who do not comply with this paragraph in the first call may not reach the maximum grade in second call.
- If one of the mandatory sections is not approved in the first call, the points obtained in the other sections may be saved for the second call.
- During tutoring hours, teachers may require individual or small group interviews to verify the degree of participation and achievement of the objectives pursued in any task or activity. Failure to accept this verification will result in failure to complete the task or activity in question.
- Teaching staff will reserve time during the final in-person sessions for students to complete the University's institutional teaching evaluation surveys.
- Fraudulent performance of assessment tests and plagiarism in assessment work will be considered in accordance with the UV Assessment and Grading Regulations (ACGUV 108/2017) and the Protocol for action in the face of fraudulent practices (ACGUV 123/2020). The use of technologies (including AI), which is not previously and expressly authorised by the teaching staff, to create assessment materials, will not be considered as self-authored and will be treated according to the current regulations and the UV Code of Coexistence and Good Practices (ACGUV 300/2023, DOGV, n.º 9747/18.12.2023).

REFERENCES

Basic

- Alcantud, F. & Alonso, Y (2022) Trastornos del Espectro del Autismo: Bases para la intervención Psicoeducativa. Madrid: Ed Pirámide.
- Alcantud, F. (2003) Intervención Psicoeducativa en niños con Trastornos Generalizados del Desarrollo. Madrid, Ed. Pirámide
- Alcantud, F. (2013) Detección, Evaluación, Diagnostico e Intervención Precoz en niños con Trastornos del Aprendizaje. Madrid. Ed. Pirámide
- George, J.E. (2009) El Manual del Autismo. Ingram Books, Baker & Taylor
- Baron-Cohen, S.; Bolton, P. & Cordero, J.M. (1998) Autismo: Una guía para padres. Madrid.



Alianza Editorial

Supplementary

- Alcantud, F. y Soto, Fco: Javier (2000) Tecnologías de Ayuda en personas con trastornos de la comunicación. Valencia, La Nau Llibres.
- Shonkoff, J. Y Meisels, S.J. (1990) Early childhood intervention: The evolution of a concept. En S. J. Meisels y J. P. Shonkoff (Eds.). Handbook of early childhood intervention. Cambridge University Press.
- Vargas, J. y Belinchon, M. (2000) El autismo como trastorno de la función ejecutiva. Interamericana.