Universitat de Lleida

DEGREE CURRICULUM
INFORMATION PROCESSING

Coordination: BARBERO SOLA, IVAN RAUL

Academic year 2023-24

INFORMATION PROCESSING 2023-24

Subject's general information

Subject name	INFORMATION PROCESSING
Code	100760
Semester	2nd Q(SEMESTER) CONTINUED EVALUATION

Typology	Degree	Course	Character	Modality
	Bachelor's Degree in Pre-School Education	3	COMPULSORY	Attendance-based

Course number of credits (ECTS)	3

Type of activity, credits, and groups	Activity type	PRAULA	TEORIA
	Number of credits	0.9	2.1
	Number of groups	2	2

Coordination	BARBERO SOLA, IVAN RAUL
Department	EDUCATION SCIENCES
Important information on data processing	Consult this link for more information.
Distribution of credits	70%Theòric 30% Pràctics

INFORMATION PROCESSING 2023-24

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
BARBERO SOLA, IVAN RAUL	ivan.barbero@udl.cat	6	

Learning objectives

- Know and apply mathematical aspects in the treatment of information.
- Analyze, synthesize and critically evaluate texts related to the treatment of information.
- Express clearly and precisely the key concepts of the subject.
- Demonstrate an attitude of integrating ICT in their professional development as a teacher of early childhood education.
- Organize and interpret information from the work environment.
- Understand descriptive statistics and their applications in educational research.
- Use correctly the most common statistical distributions in educational contexts.
- Effectively address the search, reading and critical commentary of texts related to education.

Competences

CG1 Correction in oral and written communication.

CG3 Mastery of Information and Communication Technologies

CG7 Manage the appropriate information for the development of the functions of the profession. Knowing and understanding the changing social reality in which they carry out their work educational. Recognize changes in society and know how to evolve with them. Know how to change.

CE1 Know the objectives, curricular contents and evaluation criteria of Education Childish

CE3 Design and regulate learning spaces in contexts of diversity that attend to the unique educational needs of students, gender equality, equity and Respect for human rights.

CE5 Reflect in group on the acceptance of norms and respect for others. Promote the autonomy and the uniqueness of each student as factors in the education of emotions, feelings and values in early childhood.

CE11 Reflect on classroom practices to innovate and improve teaching Acquire habits and skills for autonomous and cooperative learning and promote it in students

Subject contents

- Statistics and their applications.
- ICT and educational research.
- Organization of information.
- Frequencies, tables and graphs.
- Measures of central tendency and dispersion.

Methodology

Lecture group class	18 hours
Classroom practices in small group or individual	9 hours
Seminars	3 hours

Development plan

It will present the first day of class

Evaluation

BLOCKS	% in the final grade	Assessment activities	Minimum qualification to weigh
1.-Theoretical contents of statistics and their didactics	60%	Individual written exam	4 points out of 10
2. -Research project	30%	Poster Group oral presentation	Not recoverable
3.-ICT practices	10%	Individual	4 points out of 10

The final grade of the subject is the result of the weighted average of the activities evaluated according to the criteria listed in the table. To pass it, this grade must be 5.

There will be a resit exam for those students who do not get the minimum grade in the theoretical content exam. Retrieval will be from the content block, depending on the qualification previously obtained. In this case the final grade will never exceed 6.

The care measures for NESE students proposed by UdLxTothom will be complied with.

The alternative assessment

BLOCKS	% in the final grade	Assessment activities	Minimum qualification to weigh
1.-Theoretical contents of statistics	70%	Individual written exam	4 points out of 10
2.-Research project	30%	Individual	Not recoverable

The final grade of the subject is the result of the weighted average of the activities evaluated according to the criteria listed in the table. To pass it, this grade must be 5.

There will be a resit exam for those students who do not get the minimum grade in the theoretical content exam. Retrieval will be from the content block, depending on the qualification previously obtained. In this case the final grade will never exceed 6.

The care measures for NESE students proposed by UdLxTothom will be complied with.

Bibliography

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Gil Flores, J. (1996) Problemas de Estadística bàsica aplicados a las ciencias de la educación .Kronos.

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