COURSE DATA

DATA SUBJECT

Code: 36321
Name: Paediatric Emergencies
Cycle: Undergraduate Studies
ECTS Credits: 4.5
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Facultat de Medicina i Odontologia	5	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1204 - Degree in Medicine	Optional subjects	ELECTIVES

COORDINATION

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SUMMARY

The subject has as the goal that the student knows the characteristics of the pediatric affections that must de diagnosed and treated urgently, for they represent a vital risk for the patient. To do that, the situations that frequently can endanger the child¿s life are reviewed.

It complements the subjects taught in the terms 9 and 10, called Pediatrics I and Pediatrics II.

The practical part includes stays in pediatric emergencies units of the university hospitals involved in the teaching.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

It is advisable for students to avoid studying this subject before the fifth course, when Pediatrics I begins.

COMPETENCES / LEARNING OUTCOMES

1204 - Degree in Medicine

Acknowledge diversity and multiculturality.

Capacity for communicating with professional circles from other domains.

Consideration of ethics as a fundamental value in the professional practise.

Criticism and self-criticism skills.

Proper organisation and planning of the workload and timing in professional activities.

Students must be able to apply their knowledge to their work or vocation in a professional manner and have acquired the competences required for the preparation and defence of arguments and for problem solving in their field of study.

Students must have the ability to gather and interpret relevant data (usually in their field of study) to make judgements that take relevant social, scientific or ethical issues into consideration.

Team-working skills and engaging with other people in the same line of work or different.

Understand and recognise source agents and risk factors which determine health status and the development of diseases.

Understand and recognise the effects, mechanisms and manifestations of diseases over the structure and function of the human body.

Working capacity to function in an international context.

DESCRIPTION OF CONTENTS

1. UNITS TAUGHT IN THE THEORETICAL LESSONS

1. Introduction. Epidemiology. Organization of the pediatric emergencies.

2. Emergencies by cardiovascular system disorders.

3. Emergencies by respiratory disorders.

4. Emergencies by the nervous system disorders.

5. Emergencies by hydro-electrolytic affections and acid-base disorders.

6. Emergencies by renal disorders.

7. Emergencies by gastrointestinal diseases.

8. Haematologic and oncologic emergencies.

9. Metabolic emergencies.

10. Emergencies by endocrine diseases.

11. Emergencies by skin diseases.

12. Neonatal and paediatric transport.

13. Emergencies by affections of the throat, nose, ear and auditory.

14. Accidents. Poisoning.

15. Child abuse.

16. Infectious emergencies.

17. Newborn emergencies.

2. CLINICAL PRACTICES

Students' clinical stays in the emergencies services in university hospitals.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	19,00
Seminars	0,00
Laboratory	0,00
In-class tutorials	0,00
Clinical practice	26,00
Total hours	**45,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	14,00
Individual or group project	8,50
Independent study and work	20,00
Preparation of lessons	0,00
Preparation for assessment activities	25,00
Resolution of case studies	0,00
Preparation of supplementary reports	0,00
Preparation of the internship report and evaluation of the internship	0,00
Total hours	**67,50**

TEACHING METHODOLOGY

In the theoretical lessons, the teacher will expose, through master class, the most important concepts and contents in a structured way, to obtain the knowledge and skills that the students must acquire. The students¿ participation will be encouraged. The teaching materials used by the professor will be available, if he considers it appropriate, through the electronic resource Aula Virtual.

Clinical practices: students¿ clinical stays in healthcare services of the different university hospitals in order to learn how to perform an anamnesis and a basic clinical exploration, with a first contact with patient, being supervised by the professor.

The gender perspective, the respect for diversity, and the sustainable development goals (SDGs) will be incorporated into teaching, whenever possible.

EVALUATION

Theory exam: 50% of the final grade. It will be a written test that will deal with the contents of the theoretical syllabus and will aim to evaluate the acquisition of knowledge. The test will consist of 40 multiple-choice questions with 5 options and a single valid answer with the following grading: correct 1 point, blank 0 points and incorrect -0.2 points. The exam will last 40 minutes.

Practical exam: 50% of the final grade. It will be performed by evaluating management, involvement and participation in emergency departments.

The final grade will be the sum of both theory and practical exams at 50% each. Both parts (theory and practice) are to be passed separately, so that to average the final grade, they must both have been passed with the minimum required (5 points). Both parts,theory and practice, must be passed in order to be added together.

The maximum grade will be 10 and 5 will be a pass.

In order to access to an advance on the call of this subject, it is a requirement that the student has coursed all his/her practices.

Attendance at practical activities is mandatory. The student is considered to meet this requirement if he or she has attended a minimum of 80% of these activities and has adequately justified the impossibility of attending the remaining sessions due to the occurrence of a cause of force majeure. It will be essential to comply with this requirement to pass the subject.

Students are reminded of the importance of carrying out evaluation surveys on all the teaching staff of the degree subjects.

REFERENCES

BÁSICAS

- ROBERT M KLIEGMAN, BONITA STANTON, JOSEPH ST GEME, NINA F SCHOR (2016). Nelson. Tratado de Pediatría. 20ª ed. S.A. Elsevier España. ISBN: 9788491130154.
- FLEISHER & LUDWIG'S. Textbook of Pediatric Emergency Medicine. Richard G Bachur MD, Kathy N, Shaw MD, MSCE.7ª ed. Lippincott Williams &Wilkins 2015. ISBN: 9781451193954.
- MORO M, MALAGA S, MADERO L. (2014). Cruz. Tratado de Pediatría. 11ª Ed. Editorial médica Panamericana. ISBN: 9788498357257.

RECURSOS e-Salut
- ClinicalKey Student Medicina, Odontologia y Enfermería [https://uv-es.libguides.com/RecursosSalut]
- Acces Medicina [https://uv-es.libguides.com/Access_Medicina]
- Médica Panamericana [https://uv-es.libguides.com/Medica_Panamericana]