

**COURSE DATA****Data Subject**

Code	34487
Name	Dermatology
Cycle	Grade
ECTS Credits	4.5
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Faculty of Medicine and Odontology	4	First term

Subject-matter

Degree	Subject-matter	Character
1204 - Degree in Medicine	15 - Human clinical training IV	Obligatory

Coordination

Name	Department
BOTELLA ESTRADA, RAFAEL	260 - Medicine

SUMMARY

The discipline of Medical-Surgical Dermatology and Venereology is the branch of the Medicine that deals with the knowledge of the human skin, including skins appendages and accessible mucosa and of the diseases that affect it primarily or secondarily, as well as the methods for the preservation or recuperation of the cutaneous normality. The Venereology deals with sexually transmitted diseases or sexually transmitted infections and with thigh percentage of sign and symptoms of the skin and mucosa.

The skin is the organ that protects the organism from the exterior world and the reference or resonance organ of the internal pathology, so the student needs to know it to understand the whole internal medicine.

The general objectives that we set with our discipline is to form professionals, in the branch of the Dermatology and Venereology, who acquire the theoretical and practical knowledge, attitudes and skills that allow them to solve and guide the medical situations of this subject through the observation and exploration of the skin, to relate the pathology with internal diseases and to know the multiple diagnostic methods that we currently have in order to achieve a right diagnosis and to guide a proper treatment.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

OUTCOMES

1204 - Degree in Medicine

- Obtain and elaborate a clinical history with relevant information.
- Perform a physical examination and a mental health assessment.
- Have the capacity to make an initial diagnosis and establish a reasonable strategy of diagnosis.
- Establish the diagnosis, prognosis and treatment, applying principles based on the best information available and on conditions of clinical safety.
- Indicate the most accurate therapy in acute and chronic processes prevailing, as well as for terminally ill patients.
- Plan and propose appropriate preventive measures for each clinical situation.
- Acquire proper clinical experience in hospitals, health care centres and other health institutions, under supervision, as well as basic knowledge of clinical management focused on the patient and the correct use of tests, medicines and other resources available in the health care system.
- Know how to use the sources of clinical and biomedical information available, and value them critically in order to obtain, organise, interpret and communicate scientific and sanitary information.
- Know how to use IT in clinical, therapeutic and preventive activities, and those of research.
- Understand the importance and the limitations of scientific thinking in the study, prevention and management of diseases.
- Proper organisation and planning of the workload and timing in professional activities.
- Team-working skills and engaging with other people in the same line of work or different.
- Criticism and self-criticism skills.
- Capacity for communicating with professional circles from other domains.
- Acknowledge diversity and multiculturality.
- Consideration of ethics as a fundamental value in the professional practise.
- Working capacity to function in an international context.
- Recognises, diagnoses and guides the management of the main skin pathologies.



- Understands the characteristics of sexually transmitted diseases.
- Is aware of tumour disease, its diagnose and management.
- Is aware of the main infectious agents and their mechanisms of action.
- Recognises, diagnoses, and guides the management of the main pathologies affecting the immune system.
- Is aware of the characteristics of prevalent pathologies in the case of elders.
- Knows how to perform a complete anamnesis, focused on the patient and orientated to various pathologies, interpreting its meaning.
- Knows how to evaluate modifications in clinical parameters at different ages.
- Knows how to set an action plan, focused on the patients needs and the family and social envionment, which should be coherent regarding the patients symptoms and signs.

LEARNING OUTCOMES

1. Acquisition of knowledge of the main clinical symptoms that involve the most frequent nosologic entities.
2. Acquisition of attitude and skill to develop a proper and correct acting in the dermatosis.
3. Acquisition of the skill to identify ad treat the most frequent dermatosis and evaluate its derivation to a specialized centre in its case.

DESCRIPTION OF CONTENTS

1. THEORETICAL TEACHING: expositive method with active participation, students' questions and the students must recognize, diagnose and guide its management in the following points:

1. Skin anatomy. Skin functions. Elemental injuries. Histological patterns used in the diagnosis of dermatosis.
2. Cutaneous viral infections.
3. Cutaneous fungal infections.
4. Zoonosis.
5. Sexually transmitted diseases.
6. Acne. Rosacea. Alopecia.
7. Hives and toxicoderma.
8. Psoriasis.
9. Aphtosis and lichen planus.
10. Ichthyosis epidermolysis bullosa.
11. Atopic and seborrheic dermatitis.
12. Contact dermatitis and photo-dermatosis.
13. Blistering diseases.
14. Cutaneous manifestations of the collagenosis.
15. Benign cutaneous tumours.



16. Non-melanoma cutaneous cancer.
17. Nevus and melanoma.

2. PRACTICAL TEACHING

SEMINARS

1. Cutaneous bacterial infections.
2. Manifestations of some systemic diseases: neurocristopathology and metabolic.
3. Emergencies in dermatology and vasculitis.
4. Benign and malignant pigmentary diseases.
5. Lymphomas.

CLINICAL CASES AND PROBLEM SOLVING

CLINICAL PRACTICES

WORKLOAD

ACTIVITY	Hours	% To be attended
Seminars	24,00	100
Theory classes	19,00	100
Clinical practice	13,02	100
Study and independent work	40,00	0
Readings supplementary material	4,25	0
Preparing lectures	6,00	0
Resolution of case studies	6,00	0
TOTAL	112,27	

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.

Classroom practices: **seminars**. In small groups, the teacher will set specialized topics in depth, case studies, bibliography handling, current topics... the group work and oral presentation will be encouraged. It can be understood as "cooperative learning".



Clinical practices: students' clinical practices in sanitary services in the different university hospitals, primary health centres, mental health centres, public health areas, in order to learn how to perform an anamnesis and basic clinical explorations, with a first contact with patients, supervised by the professor.

EVALUATION

The final assessment of the discipline will be made by:

- **Theoretical assessment** at the end of the course in which the 50% will correspond to the final score. The evaluation method will consist on answering 50 multiple choice test questions, with 5 options. Each fault answer will discount 0,25 points. The exam will be about the content of the theoretical program and will have as the main objective to assess the acquisition of knowledge. The content of the test will be the same for each group of the same subject.

- **Practical assessment:** 50% of the final mark. There will be a practical assessment at the end of the course and it will be made through the presentation of 10 clinical cases with slides in which the students must answer 3-4 questions about it, regarding the description of the elemental lesion, diagnostic proposal and differential diagnosis, diagnostic method and treatment proposals among others.

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 to practical sessions is mandatory. Unjustified non-attendance to more than 20% of the sessions will make it impossible to pass the course.

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

REFERENCES

Basic

- FITZPATRICK, THOMAS B. Atlas color y sinopsis de dermatología clínica (2001) McGraw-Hill / Interamericana de España, S.A. 84-486-0373-7
- FERRÁNDIZ, C. Dermatología clínica. Elsevier España, S.A. (2001) 84-8174-537-5
- IGLESIAS DÍEZ, L.; GUERRA TAPIA, A.; ORTIZ ROMERO, P.L. Tratado de dermatología (2003) McGraw-Hill / Interamericana de España, S.A. 84-486-0556-X
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