



## Information about the subject

**Degree:** Bachelor of Science Degree in Medicine

**Faculty:** Faculty of Medicine and Health Sciences

**Code:** 340502 **Name:** Dermatology

**Credits:** 6,00 **ECTS Year:** 5 **Semester:** 1

**Module:** Human Clinical Training

**Subject Matter:** Human Pathology **Type:** Compulsory

**Field of knowledge:** Health Science

**Department:** Surgical Specialities

**Type of learning:** Classroom-based learning

**Languages in which it is taught:** Spanish

### Lecturer/-s:

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## Module organization

### Human Clinical Training

Subject Matter	ECTS	Subject	ECTS	Year/semester
Human pathology basis	6,00	General Pathology I	3,00	3/1
		General Pathology II: Analysis by Problems	3,00	3/2
Psychology	6,00	Medical Psychology and Psychopathology	6,00	3/2
Human Pathology	102,00	Clinical Allergology and Immunology	3,00	3/2
		Dermatology	6,00	5/1
		Endocrinology and Nutrition	6,00	5/2
		Haematology	3,00	3/2
		Infectious Diseases	3,00	3/2
		Medical Oncology and Radiotherapy	3,00	5/2
		Medicine and Surgery of the Cardiocirculatory System	9,00	4/2
		Medicine and Surgery of the Digestive System	6,00	4/1
		Medicine and Surgery of the Musculoskeletal System	9,00	4/2
		Medicine and Surgery of the Nephro-Urological System	6,00	5/1



Human Pathology	Medicine and Surgery of the Nervous System	9,00	5/2
	Medicine and Surgery of the Respiratory System	6,00	3/2
	Obstetrics and Gynaecology	9,00	4/2
	Ophthalmology	3,00	3/2
	Otorhinolaryngology	3,00	4/2
	Paediatrics	9,00	5/2
	Palliative Medicine	3,00	6/1
	Psychiatry	3,00	5/1
	Rheumatology	3,00	4/2

### Recommended knowledge

This subject, as well as any in Module 3 (Human Clinical Training), cannot be performed without passing all subjects of Module 1 (Morphology, Structure, and Function of the Human Body).



## Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Distinguishing clinical elemental lesions
- R2 Select the necessary diagnostic tests
- R3 Identify more common skin pathologies
- R4 Knowing how to use different diagnostic techniques in the clinic
- R5 Interpret the results obtained in the diagnostic tests
- R6 Knowing how to use different diagnostic techniques in the clinic
- R7 Be able to produce documents on dermatology and work as a team
- R8 Search for information in bibliographic sources and know how to analyze them



## Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

BASIC		Weighting			
		1	2	3	4
CB1	Students have demonstrated to possess and understand knowledge in a study area that starts from the base of the general secondary education, and is usually found at a level that, while supported by advanced textbooks, also includes some aspects that involve knowledge from the forefront of their field of study				X
CB2	Students know how to apply their knowledge to their job or vocation in a professional way and possess the competences that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of ??study				X
CB3	Students have the ability to collect and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical topics				X
CB4	Students can pass on information, ideas, problems and solutions to both a specialized and non-specialized audience				X
CB5	Students have developed the learning skills needed to undertake further studies with a high degree of autonomy				X
GENERAL		Weighting			
		1	2	3	4
CG4	Developing professional practice with respect to patient autonomy, beliefs and culture			X	
CG5	Recognizing the limitations themselves and the need to maintain and update their professional competence, giving special importance to the autonomous learning of new knowledge and techniques and to the motivation for quality			X	
CG6	Developing professional practice with respect for other health professionals, acquiring teamwork skills		X		



CG9	Understanding and recognizing the effects, mechanisms and manifestations of the disease on the structure and function of the human body				X
CG11	Understanding and recognizing the effects of growth, development and aging on the individual and their social environment			X	
CG12	Understanding the basis of action, indications and efficacy of therapeutic interventions, based on available scientific evidence	X			
CG13	Getting and writing a medical history containing all relevant information				X
CG14	Perform a physical exam and mental assessment	X			
CG15	Having the ability to make an initial diagnostic judgment and establish a reasoned diagnostic strategy	X			
CG16	Recognizing and treating life-threatening situations and those that require immediate attention			X	
CG17	Establishing all diagnosis, prognosis and treatment, applying principles based on the best possible information and clinical safety				X
CG18	Indicating the most appropriate therapeutics of the most prevalent and chronic acute processes, as well as terminally ill patients			X	
CG19	Raising and proposing appropriate preventive measures for each clinical situation	X			
CG20	Acquiring enough clinical experience in hospital institutions, health centers or other health institutions, under supervision, as well as basic knowledge of patient-centered clinical management and appropriate use of tests, medicines and other health system resources			X	
CG21	Listening to carefully, obtain and synthesize relevant information about the problems afflicting the patient and understand the content of this information			X	
CG22	Writing medical histories and other medical records in an understandable way to outsiders			X	
CG23	Communicating effectively and clearly, both orally and in writing, with patients, family members, media workers and other professionals			X	
CG24	Establishing good interpersonal communication that enables patients, family members, media workers and other professionals to address patients, families, media and other professionals with efficiency and empathy	X			



CG29	Knowing national and international health organizations and the environments and conditions of different health systems	X		
CG33	Maintaining and using records with patient information for further analysis, preserving data confidentiality		X	
CG36	Being able to formulate hypotheses, critically collect and evaluate information for problem solving, following the scientific method		X	

SPECIFIC		Weighting			
		1	2	3	4
CE33	Recognizing, diagnosing and guiding the management of the main skin pathologies				X
CE46	Knowing the main infectious agents and their mechanisms of action				X
CE56	Knowing how to make a complete anamnesis, patient-centered and oriented to the various pathologies, interpreting its meaning			X	

TRANSVERSAL		Weighting			
		1	2	3	4
CT1	Analytical and synthesis capacity			X	
CT2	Planification and organization capacity		X		
CT3	Oral and written communication in mother language			X	
CT7	Solving problems				X
CT8	Making decisions			X	
CT9	Team work		X		
CT10	Interdisciplinary team work		X		
CT12	Interpersonal relationship skills		X		
CT14	Critical reasoning				X



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CT15	Ethical commitment		x
CT16	Individual learning		x
CT17	New situations' adaptation	x	
CT26	Knowing how to value personal action and know your own skills and limitations	x	
CT32	Being able to establish and maintain relationships with other professionals and institutions	x	
CT33	Knowing how to get relevant information from personal interviews	x	





## Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R5	70,00%	Tests
R1, R2, R3, R4, R5, R8	10,00%	Practices
R1, R2, R3	5,00%	Participation in class
R1, R2, R3, R5	15,00%	Practice exam

### Observations

**Examen tipo test (teórico y práctico) (85%)** Examen de respuesta múltiple con una sola respuesta correcta sobre cuatro posibles. Cada contestación válida recibirá una valoración de tres puntos, se restará un punto por cada una de las respuestas incorrectas, se dejarán de valorar las preguntas no respondidas y de las operaciones anteriores se obtendrá la puntuación de cada participante en el examen.

El examen es teórico y práctico pues se basa en preguntas realizadas a partir de una imagen clínica. Las imágenes clínicas se seleccionan de las mostradas en clase.

### Prácticas (10%)

Un 10% de la nota proviene de las actividades de aula y de la plataforma. Se basan en un seguimiento por parte del tutor de la resolución de ejercicios prácticos, casos clínicos sobre los conocimientos de cada tema.

### Asistencia (5%)

Aunque la asistencia no es obligatoria, dada la importancia de las imágenes en Dermatología, se puntúa con un máximo de 0.5 puntos sobre 10 la asistencia.

**Criterio de concesión de matrícula de honor:** Las matrículas de honor podrán ser concedidas a los mejores alumnos, que deberán haber obtenido una nota mínima de 9. Si las circunstancias lo requieren, podrá establecerse una prueba especial para determinar aquellos alumnos merecedores de la matrícula de honor, habida cuenta de la limitación del 5% de los alumnos matriculados. En segunda y posteriores convocatorias solamente podrán otorgarse la matrículas de honor que pudieran restar tras la primera convocatoria.



## MENTION OF DISTINCTION:

In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded. Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.

## Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

M1	Masterclass
M2	Problems resolution and practical cases
M3	Virtual simulations
M4	Content presentations by teacher
M5	Knowledges and skills explanation
M7	Oral presentation by student
M8	Group activities supervised by professor
M9	Knowledge acquirance through student interaction and activity
M11	Personalised attention by professor
M12	Tests to understand the level of knowledge acquirance and skills



- M13 Written work
- M14 Online activity on e-learning
- M15 Personal study
- M16 Information research
- M17 Discussion and solving issues in group
- M18 Work in team
- M19 Group work for searching, discussion and information research
- M21 Supervision of clinical histories
- M22 Clinical practices



## IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Theory class M1, M2, M3, M4, M5	R1, R2, R3, R4, R5	45,00	1,80
Seminar and group practices M2, M4, M7, M8, M9	R2, R3, R4	5,00	0,20
Practices in small groups M2, M21, M22	R1, R2, R3, R4	17,50	0,70
Tutoring M11	R1, R2, R3, R4, R5, R6, R7, R8	2,50	0,10
Evaluation M12	R1, R2, R3, R4, R5, R6	5,00	0,20
<b>TOTAL</b>		<b>75,00</b>	<b>3,00</b>

## LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
No attendance M2, M12, M14, M15, M16, M18, M19	R7, R8	75,00	3,00
<b>TOTAL</b>		<b>75,00</b>	<b>3,00</b>



## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

Content block	Contents
BLOCK I: Anatomy and physiology of the skin. Elementary lesions	1. Anatomy, histology and physiology of the skin and cutaneous appendages. Elementary histological lesions 2. Semiology of dermatological diseases. Elementary skin lesions
BLOCK II: Infectious skin diseases	3. Skin bacterial infections 4. Mycobacterial skin infections 5. Skin fungal infections 6. Viral skin infections 7. Parasitoses and zoonoses of dermatological interest 8. Sexually transmitted diseases
BLOCK III: Dermatological syndromes	9. Psoriasis 10. Atopic dermatitis. Seborrheic dermatitis 11. Contact dermatitis. Photodermatosis 12. Acne. Rosacea 13. Lichen planus. Aphthosis 14. Urticaria and toxicoderma 15. Genetic skin diseases: Epidermolysis bullosa, ichthyosis, neurofibromatosis and tuberous sclerosis 16. Metabolopathies of dermatological interest. Porphyrrias 17. Pathology of skin pigmentation 18. Alopecia.
BLOCK IV: Autoimmune diseases	19. Vasculitis. Neutrophilic dermatitis. Panniculitis 20. Connective diseases. Lupus erythematosus, dermatomyositis, and scleroderma. 21. Bullous diseases
BLOCK V: Cutaneous tumor pathology	22. Benign skin tumors and skin vascular malformations 23. Pre-cancer and non-melanoma skin cancer 24. Melanocytic nevi and melanoma 25. Cutaneous lymphomas



## Temporary organization of learning:

Block of content	Number of sessions	Hours
BLOCK I: Anatomy and physiology of the skin. Elementary lesions	3,00	6,00
BLOCK II: Infectious skin diseases	9,00	18,00
BLOCK III: Dermatological syndromes	15,00	30,00
BLOCK IV: Autoimmune diseases	4,50	9,00
BLOCK V: Cutaneous tumor pathology	6,00	12,00

## References

Wolff K., Johnsin RA.: Fitzpatrick. Atlas en color y Sinopsis de Dermatología clínica. Sextaedición. Editorial Panamericana.2010

Du Vivier A. Atlas de Dermatología Clínica. 2ª ed: Masson; 1995.

McKee PH. Pathology of the skin. 2nd ed: Mosby; 2005.



## Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

**Situation 1: Teaching without limited capacity** (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

**Situation 2: Teaching with limited capacity** (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

### 1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

In the particular case of this subject, these videoconferences will be made through:

☒ Microsoft Teams

☐ Kaltura



## **Situation 3: Confinement due to a new State of Alarm.**

In this case, the following changes are made:

### **1. Educational Activities of Onsite Work:**

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

☒ Microsoft Teams

☐ Kaltura

Explanation about the practical sessions:





## 2. System for Assessing the Acquisition of the competences and Assessment System

### ONSITE WORK

#### Regarding the Assessment Tools:

☒ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐ The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

#### Comments to the Assessment System:

Attendance monitoring of online classes will be performed by online tests during the classes.

Final test will be performed through UCVnet platform with a limited time of 75 minutes.