



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Biomedicina, Neuroscienze e Diagnostica avanzata		
<b>ACADEMIC YEAR</b>	2019/2020		
<b>MASTER'S DEGREE (MSC)</b>	MEDICINE AND SURGERY		
<b>INTEGRATED COURSE</b>	SYSTEMATIC PATHOLOGY II - INTEGRATED COURSE		
<b>CODE</b>	13248		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	2		
<b>SCIENTIFIC SECTOR(S)</b>	MED/17, MED/35		
<b>HEAD PROFESSOR(S)</b>	BONGIORNO MARIA	Professore Ordinario	Univ. di PALERMO
	RITA		
	COLOMBA CLAUDIA	Professore Ordinario	Univ. di PALERMO
	DI CARLO PAOLA	Professore Associato	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	BONGIORNO MARIA	Professore Ordinario	Univ. di PALERMO
	RITA		
	CAPUTO VALENTINA	Ricercatore	Univ. di PALERMO
	PISTONE GIUSEPPE	Professore Associato	Univ. di PALERMO
	DI CARLO PAOLA	Professore Associato	Univ. di PALERMO
	CASCIO ANTONIO	Professore Ordinario	Univ. di PALERMO
<b>CREDITS</b>	6		
<b>PROPAEDEUTICAL SUBJECTS</b>	17453 - PATHOPHYSIOLOGY AND MEDICAL METHODOLOGY - INTEGRATED COURSE		
<b>MUTUALIZATION</b>			
<b>YEAR</b>	3		
<b>TERM (SEMESTER)</b>	2° semester		
<b>ATTENDANCE</b>	Mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<p><b>BONGIORNO MARIA RITA</b> Monday 10:00 11:00 UOC di dermatologia</p> <p><b>CAPUTO VALENTINA</b> Tuesday 11:00 13:00 Clinica Dermatologica Via del Vespro 131 Palermo Thursday 11:00 13:00 Clinica Dermatologica Via del Vespro 131 Palermo</p> <p><b>CASCIO ANTONIO</b> Tuesday 13:00 14:00 Studio presso UOC di Malattie Infettive - AOU Policlinico "P. Giaccone" Thursday 13:00 14:00 Studio presso UOC di Malattie Infettive - AOU Policlinico "P. Giaccone"</p> <p><b>COLOMBA CLAUDIA</b> Monday 09:00 11:00 UOC Malattie infettive</p> <p><b>DI CARLO PAOLA</b> Tuesday 12:30 14:30 Day Hospital di Malattie Infettive, sito dietro aula Ascoli Thursday 9:00 12:00 U.O.C. di Malattie infettive</p> <p><b>PISTONE GIUSEPPE</b> Monday 13:00 14:00 UOC di Dermatologia e MTS</p>		

**MODULE  
INFECTIOUS DISEASES**

*Prof. ANTONIO CASCIO - Sede CHIRONE, - Sede CHIRONE*

**SUGGESTED BIBLIOGRAPHY**

Malattie infettive di: Roberto Esposito, Mauro Moroni, Spinello Antinori Editore: Edra Masson Edizione: 8

<b>AMBIT</b>	50408-Medicina di comunità
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<b>INDIVIDUAL STUDY (Hrs)</b>	45
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<b>COURSE ACTIVITY (Hrs)</b>	30
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**EDUCATIONAL OBJECTIVES OF THE MODULE**

To acquire knowledge on the clinical and diagnostic features of infectious diseases in the immunocompetent and immunocompromised patient

**SYLLABUS**

Hrs	Frontal teaching
2	General information on infectious diseases epidemiology, clinical and laboratory diagnosis
3	sepsis and septic shock, endocarditis. Fever of unknown origin (FUO)
2	Airway infections: Epidemiology of respiratory tract infections (community and nosocomial infections), etiology of upper and lower respiratory tract infections, Viral and Bacterial Pneumonia, bacterial exacerbations of chronic bronchitis
2	Gastrointestinal infections
2	The genitourinary tract infections: Infections of the upper and lower urinary tract; syndromic approach and epidemiological the major sexually transmitted infections
3	AIDS, infectious mononucleosis
2	Infections of the central nervous system: meningitis, encephalitis, brain abscess; meningococcal disease
4	Brucellosis, leptospirosis, typhoid fever, tick borne diseases
2	The osteo-articular infections: Osteomyelitis, septic arthritis
2	malaria, tuberculosis
4	Acute and chronic viral hepatitis; Parasitic diseases; Nosocomial infections
2	Principles of anti-infective therapy; Isolation measures for infected patients

## MODULE INFECTIOUS DISEASES

*Prof.ssa PAOLA DI CARLO - Sede HYPATIA, - Sede HYPATIA*

### SUGGESTED BIBLIOGRAPHY

#### PRACTICAL WORK

Clinical cases

**RECOMMENDED READING**The lecturer will provide all the course material through the unipa website, Mauro Moroni, Manual of INFECTIOUS DISEASES, latest edition.

<b>AMBIT</b>	50408-Medicina di comunità
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

#### INTENDED LEARNING OUTCOMES

##### Knowledge and understanding

At the end of the course, students should demonstrate that they have a sound knowledge of the anatomy and physiology of the skin to keep the skin in a healthy state, and a good understanding of pathological changes; that they know the fundamental biological and pathological defence mechanisms of the immune system; that they have knowledge of dermatological pathologies from a nosographic, etiopathogenic, physiopathological and clinical perspective, in a unitary and global vision of human pathology; that they are able to critically evaluate and correlate clinical symptoms and physical signs, interpreting the mechanisms that produce them and analysing their clinical significance.

Students should demonstrate knowledge of the dynamic relationship between microorganism and host during interaction between pathogen and the human organism, and of relevant defence mechanisms; moreover, they should have a sound knowledge of symptoms and clinical signs of both systemic and localized infectious disease, through careful evaluation of the continuous interaction between infectious agent and immune system, which is determined by the pathogenic characteristics of the individual microorganisms, taking into consideration epidemiological changes and infectious disease emergencies over the last few decades.

##### Ability to apply knowledge and understanding

At the end of the course, students should demonstrate clinical reasoning skills that enable them to analyse and resolve the most common and relevant clinical problems in the fields of dermatology and infectious diseases, in the light of diagnostic developments that consider and unite the sectors of molecular diagnostics and morphological characterization; they should have sound knowledge of the main and most recent laboratory diagnostic methods, and have the ability to propose the correct laboratory diagnostic procedure and evaluate costs and benefits, as well as be able to rationally interpret laboratory results.

##### Autonomy of judgement

Students should be able to independently adopt the appropriate clinical and laboratory method for good clinical-therapeutic management. They should know how to correctly interpret infectious disease surveillance and monitoring systems both in a hospital and in the community in order to manage outbreaks. Finally, they should have acquired knowledge of counselling delivery procedures in infectious diseases.

##### Communication skills

Students should know how to clearly communicate their conclusions and relevant knowledge to specialists and non-specialists.

#### ECTS gradetalian GradeGrade descriptors

A – A+ Excellent30-30 cum laude EccellenteExcellent knowledge of teaching contents; students should show high analytical and synthetic capabilities and should be able to apply their knowledge to solve highly complex problems.

B Very good27-29, Very good knowledge of the teaching contents and excellent language control; students should show analytical and synthetic skills and be able to apply their knowledge to solve problems of medium and, in some cases, even higher complexity.

C Good24- 26, BuonoGood knowledge of teaching contents and good language control; the students should be able to apply their knowledge to solve problems of medium complexity

D Satisfactory21-23 Average knowledge of the teaching contents, in some cases limited to the main topic; acceptable ability to use the specific discipline language and independently apply the acquired knowledge.

E Sufficient18-20 SufficienteMinimum teaching content knowledge, often limited to the main topic; modest ability to use the subject specific language and independently apply the acquired knowledge.

F FailInsufficienteLack of an acceptable knowledge of the main teaching content knowledge; very little or no ability to use the specific subject language and apply independently the acquired knowledge.

## SYLLABUS

Hrs	Frontal teaching
3	Principles of pathogenesis, diagnostic and clinical approach to some infectious diseases which impact on workplacement and risk groups, Principles of infectious disease transmission
3	The natural history of HIV infection, changes in risk factors and epidemiological trend, diagnostic instruments, clinical presentations (including the main opportunistic infections), therapeutic and preventive skills.
1	Sexual trans-mitted disease: trend, diagnosis and prevention by age

1	counselling of infectious disease by age and disease, Privacy police in infectious diseases by age and cultural habits
2	respiratory infection Disease epidemiology, etiology and pathogenesis, in acute and chronic phase, different clinical presentations, and therapeutic approach with particular reference to community- and hospital-acquired pneumonia in a multidisciplinary management contex
2	Skin rashes Infectious Disease and the healthcare environment in childhood by age and mother - child health care
2	Infectious Diseases and the Liver: old and emerging disorders
3	meningitis and meningococcal disease
3	sepsis 2019 guidelines
2	Infective Endocarditis (Guidelines on Prevention, Diagnosis and management)
2	nosocomial infections
2	Cytomegalocirus and Epstein Barr virus infection: trand, risk groups, clinica features and complications
2	thropical disease
2	infectious diseases from animals to humans through direct contact or though food, water, and the environment, are commonly referred to as "zoonoses.": old and emerging disease

## MODULE CUTANEOUS AND VENEREAL DISEASES

*Prof.ssa VALENTINA CAPUTO - Sede HYPATIA, - Sede HYPATIA*

### SUGGESTED BIBLIOGRAPHY

Cainelli, Giannetti, Rebora. Manuale di dermatologia medica e chirurgica, Mcgraw-Hill  
Amerio, Bernengo. dermatologia e venereologia. Edizioni Minerva Medica.

<b>AMBIT</b>	50419-Clinica delle specialità medico-chirurgiche
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

Students should know structure, biology, physiology and immunology of the skin to understand the genesis, the morphological and functional alterations of major infectious, inflammatory, autoimmune cutaneous diseases. Students must learn the patogenesis, the pathophysiology, the clinical findings and the therapy of the main cutaneous and venereal diseases, and they be able to demonstrate a correct clinical examination using peculiar semeiotics essays.

## SYLLABUS

Hrs	Frontal teaching
2	Structure and physiology of the skin
2	Scabies, pediculosis, leishmaniasis
2	Viral,bacterial, fungal diseases
2	psoriasis
2	allergic contact dermatitis, atopic dermatitis
2	acne vulgaris and rosacea
2	urticaria and angioedema
2	bullous disorders
2	disorders of the dermal connective tissue
2	cutaneous reactions to drugs
2	epithelial precancerous lesions
2	lichen planus
2	melanocytic tumors
2	epidermal tumors
2	sexually transmitted diseases