

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

<b>Code</b>	34328
<b>Name</b>	Microbiology
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	6.0
<b>Academic year</b>	2024 - 2025

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
1208 - Degree in Podiatry	Faculty of Nursing and Chiropody	1	Second term

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1208 - Degree in Podiatry	6 - Microbiology	Basic Training

**Coordination**

<b>Name</b>	<b>Department</b>
ALBEROLA ENGUIDANOS, JUAN ANTONIO	275 - Microbiology and Ecology
CAMARENA MIÑANA, JUAN JOSE	275 - Microbiology and Ecology

**SUMMARY**

Microbiology is a basic training subject, which due to its content is considered essential for the understanding of podiatric infectious pathology. It is linked to the specific subjects of General Podiatry, Podiatric Pathology and Podiatric Surgery.

**PREVIOUS KNOWLEDGE****Relationship to other subjects of the same degree**

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

**Other requirements**

SeSe considera necesario un conocimiento consolidado de Biología, nivel Bachillerato.  
No se han especificado restricciones de matrícula con otras asignaturas del plan de estudios.

**COMPETENCES (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)****1208 - Degree in Podiatry**

- Know the basic concepts of microbiology. Morphology and physiology of microorganisms. Infection. Immunology. Natural and acquired immunity. Vaccines and serums. Most frequent microorganisms in foot pathologies. Fundamental aspects of health parasitology. Environmental microbiology. Laboratory and microbiological diagnosis of diseases. Mechanisms of viral pathogenicity. Mycology. Microbiological foundations for the prevention of infection.

**LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)**

English version is not available

**WORKLOAD**

ACTIVITY	Hours	% To be attended
Theory classes	48,00	100
Laboratory practices	10,00	100
Tutorials	2,00	100
Study and independent work	90,00	0
<b>TOTAL</b>	<b>150,00</b>	

**TEACHING METHODOLOGY**

English version is not available

**EVALUATION**

English version is not available



## REFERENCES

### Basic

- 1. De La Rosa M. (2011). Microbiología. Enfermería. Ciencias de la Salud. Conceptos y Aplicaciones. Elsevier. 3ª edición.
- 2. Murray PR, Rosenthal KS y Pfaller MI. (2021). Microbiología médica. Ed. Elsevier Mosby. 9ª edición.
- 3. Tortota GJ, Funke BR y Caso CL. (2007). Introducción a la Microbiología. Ed. Panamericana. 9ª edición.

### Additional

- 1. Regueiro JR, López C, González S, Martínez E. (2011). Inmunología. Biología y patología del sistema inmunitario. Ed. Médica Panamericana. 4ª edición revisada.
- 2. Delves P, Martin S, Burton D, Roitt I. (2014). Roitt-Inmunología. Fundamentos Ed. Médica Panamericana. 12ª edición. (eBook on line).