



*International Trends in Pharmaceutical and Nutritional Sciences (F. Farmacia y
Nutrición)*

Teaching guide 2025-26

INTRODUCTION

Course description: A seminar series from experts in different fields and working in different countries, mainly about International Pharmaceutical and Nutritional Sciences. These seminars will include the expert personal view of their field and their country and New Trends in their area (such as cancer, personalized pharmacy and nutrition and others of interest), focusing on professional advice and guidance. The group would be small to allow as much interaction of the students with the speaker as possible.

- **Degree:** Pharmacy and Nutrition
- **Module in the Degree Program:** Module VII. Training for the performance of the dietitian. Subject: initiation to professional specialization (Human Nutrition and Dietetics Degree); and Module VIII: Feeding, Clinical Care, Manufacturing and Research (Pharmacy Degree).
- **Number of credits:** 3
- **Year and semester:** Second, 2nd semester
- **Type of course:** Required for IPC and INC students
- **Lecturers:** Dr. [Pedro González Muniesa](#) (CV), Profesor Titular de Fisiología, Dpto. Ciencias de la Alimentación y Fisiología; pgonmun@unav.es; responsible of the subject
- Invited guests and School lecturers or researchers. Please check the calendar of the subject when available.
- **Language:** English
- **Department:** Nutrition, Food Science and Physiology (*Departamento de Ciencias de la Alimentación y Fisiología*). School of Pharmacy and Nutrition.
- **Classroom, Schedule:** Room 2 (Castaños Building), Tuesday from 12:00 to 13:50 (two seminars)

LEARNING OUTCOMES (Competencies)

PARA EL GRADO EN FARMACIA SE TIENEN QUE CUBRIR LAS SIGUIENTES COMPETENCIAS:

BÁSICAS Y GENERALES

CG9 - Intervenir en las actividades de promoción de la salud, prevención de enfermedad, en el ámbito individual, familiar y comunitario; con una visión integral y multiprofesional del proceso salud-enfermedad.

CG13 - Desarrollar habilidades de comunicación e información, tanto orales como escritas, para tratar con pacientes y usuarios del centro donde desempeñe su actividad profesional. Promover las capacidades de trabajo y colaboración en equipos multidisciplinares y las relacionadas con otros profesionales sanitarios.

CG15 - Reconocer las propias limitaciones y la necesidad de mantener y actualizar la competencia profesional, prestando especial importancia al autoaprendizaje de nuevos conocimientos basándose en la evidencia científica disponible.



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CB4 - Que los estudiantes puedan transmitir información, ideas, problemas y soluciones a un público tanto especializado como no especializado.

CB5 - Que los estudiantes hayan desarrollado aquellas habilidades de aprendizaje necesarias para emprender estudios posteriores con un alto grado de autonomía.

PARA EL GRADO EN NUTRICIÓN HUMANA Y DIETÉTICA SE TIENEN QUE CUBRIR LAS SIGUIENTES COMPETENCIAS:

BÁSICAS Y GENERALES

CG2 - Desarrollar la profesión con respeto a otros profesionales de la salud, adquiriendo habilidades para trabajar en equipo.

CG7 - Tener la capacidad de elaborar informes y cumplimentar registros relativos a la intervención profesional del Dietista Nutricionista.

CG18 - Intervenir en la organización, gestión e implementación de las distintas modalidades de alimentación y soporte nutricional hospitalario y del tratamiento dietético-nutricional ambulatorio.

CG28 - Proporcionar la formación higiénico-sanitaria y dietético-nutricional adecuada al personal implicado en el servicio de restauración.

CG29 - Adquirir la formación básica para la actividad investigadora, siendo capaces de formular hipótesis, recoger e interpretar la información para la resolución de problemas siguiendo el método científico, y comprendiendo la importancia y las limitaciones del pensamiento científico en materia sanitaria y nutricional.

CB3 - Que los estudiantes tengan la capacidad de reunir e interpretar datos relevantes (normalmente dentro de su área de estudio) para emitir juicios que incluyan una reflexión sobre temas relevantes de índole social, científica o ética.

CB4 - Que los estudiantes puedan transmitir información, ideas, problemas y soluciones a un público tanto especializado como no especializado.

PROGRAM

Candidate areas to be addressed (with special attention to the topics of interest for professionals of Nutrition and/or Pharmacy), by the speakers:

- Career prospects
- Retail pharmacy
- Sports Nutrition
- Private Company
- University
- Dietetics department
- Research
- CIMA



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- Hospital
- Radiopharmacy
- Pharmaceutical/Nutritional Companies
- International Studies
- Public Health
- Microbiology
- Presentations

EDUCATIONAL ACTIVITIES

Seminars: will be taught in English, each theme will be addressed in 30-35 minutes, leaving 10-15 minutes for questions and to interact with the speaker. These lectures will be taught by a number of specialists from each of the topics, and, preferably, with experiences in other countries.

Summaries: The student will prepare for each attended class one or two sentences summarizing the main message of the seminar (3-4 lines); this should be uploaded in the Diary tool.

Individual work: The student will prepare a mandatory PERSONAL presentation, in which they will explain to the audience, in English, in which field they would work, country, company and how they pretend to achieve it. These presentations will be given in the last four hours of the subject. Each presentation will last 5 minutes plus 4 minutes for questions.

Furthermore, at the beginning of the subject the student will prepare a cover letter of less than an A4 page, and will revise and update the cover letter by the end of the subject. These letters will be uploaded in the Diary tool.

Time distribution (3 ECTS x 25 hours = 75 hours):

Activity: Class Hours: 22 hours (including 3-4 hours of visits)

Activity: Student presentations: 4 hours

Activity: Class summaries: 2 hours

Activity: Individual Work Hours: 45 hours

Activity: Tutoring Hours: 2 hours

ASSESSMENT

Attendance is **compulsory**. The students are allowed to fail to attend two seminars without justifying it, although it would be much appreciated if they let the lecturer know about their absence in advance, when possible.



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The student will prepare for each attended class one summary (3-4 lines), which should be uploaded in the diary tool. 0.25 points will be given for each summary and one point for the two letters, obtaining a maximum of 6 POINTS.

The student will also prepare a compulsory presentation of five minutes WITH A MAXIMUM SCORE of 2.5 POINTS: in which they will explain to the audience, in English, in which field they would work, country, company and how they pretend to achieve it.

Participation and interaction with the speaker is very advisable. The student can obtain a maximum of 1.5 POINTS for this duty.

Assessment summary

SE1. Theoretical and practical examinations: 0

SE2. Intervention in classes and seminars: 7,5

SE3. Directed work: 2,5

Special assessment

For those who do not pass the course in May or did not take the exam (grades *Suspenso* or *No presentado*) there will be an extraordinary date in June for the presentation.

Students with special learning needs

Accommodation will be provided for students with special learning needs, either regarding the methodology and/or evaluation of the course, but they will be expected to fulfill all course objectives.

OFFICE HOURS

Dr. Pedro González Muniesa (pgonmun@unav.es)

Office 1370 Research Building

Please, make an appointment by email or in class.

BIBLIOGRAPHY AND RESOURCES

Each speaker, if he deems it appropriate, will cite sources of general information or specific to each topic, which will be stored in the folder "Teaching materials"