

COURSE: SP-01 SPANISH FOR HEALTH PROFESSIONALS (3 different levels)

PROFESSOR: Marta Blázquez Rodríguez. MA, and María del Mar Fuentes Chaves, MA

CONTACT HOURS: 50

CREDITS: 3 American (recommended), 5 ECTS

LANGUAGE OF INSTRUCTION: Spanish

INTRODUCTION

This course allows students to develop different abilities, including both oral and social skills, related to this field.

Students will learn medical terminology, general vocabulary about the human body, medicines, symptoms, diagnostic tests, prevention of illnesses, common ailments, treatments, etc. Furthermore, they will learn about Spain's healthcare system, all reinforced by conferences, chats, debates and visits to medical centers.

GENERAL OBJECTIVES

The course bases its objectives on methods; understanding the development of experiences through processes, the learning groups will pass through different experiments, processes and activities.

- *To train the student for real and effective use of Spanish with a goal of communication by means of:*
 - General command of Spanish grammar and lexicon
 - Acquisition of basic receptive and productive abilities, in both spoken and written language
 - Development of communicative strategies for distinct skill sets
 - Knowledge of social norms which require linguistic use, also known as pragmatic use of the language
 - Acknowledgement and appropriate use of different sociolinguistic norms
- *To encourage the student's independence throughout the learning process. This objective will be accomplished through the development of the following abilities:*
 - Recognize specific learning needs
 - Reflect upon acquired knowledge
 - Evaluate the learning process and introduce appropriate changes
 - Independently plan his/her own work, both during the development of the curriculum and after it is finalized.
- *Through language teaching, to promote closeness and understanding of Hispanic culture. This objective will be accomplished by:*
 - The acquisition of appropriate general knowledge, of the basic sociocultural contents of actual Spanish and Hispanic reality

SPECIFIC OBJECTIVES

This objective refers to the values and attitudes that will be promoted throughout development, as well as the corresponding communicative abilities within the established theme.

The specification of the communicative abilities will be fulfilled according to the following four skills: listening comprehension, speaking, reading comprehension and written expression.

- To understand and elaborate spoken and written messages with fluency and efficiency, using the necessary vocabulary according to formality context, within the specific field of medicine: prescriptions, reports, medical histories, diagnostic reports...
- To differentiate the context within specific texts, without any help, putting oral expression into practice.

- To create written texts related to the theme of Health Sciences.
- To establish differences between specific ranges of formality, independent of the theme being discussed.

GENERAL CONTEXT

The course is designed with an open and modular structure, which permits us to treat the contents of the class, taking the specific interests and concrete needs of our students into account. Functional resources will be integrated throughout the lectures, giving the student a clear vision of the healthcare system in Spain.

At all levels, we will emphasize the different linguistic variations of different groups of Spanish speakers.

We will divide the class into two large blocks:

- A. Theory: the program will define mandatory units for each of the three levels.
- B. Internship: will be mandatory for all students in the program, and will take place in collaborating institutions within the field of Public Health. This will include various types of activities:
 1. Professional Internships (optional).
The professional internships will have varying lengths, taking each student's program into account. The objective will be for the students to participate in the work that is being done at the Public Health service centers, within the healthcare system. Students will obtain direct experience in how to apply their knowledge, methods and abilities, which they will have learned through the program, in real practice. The internships are optional for students, and will not be compensated.
 2. Visits to centers related to the theme.
 - The center for Cancer Research (CIC), is integrated with the University of Salamanca
 - The Red Cross
 - The Rehabilitation Center for the Physically Handicapped (CRMF)
 - The State Alzheimer Center (CREA)
 - Mutual "Fraternity"
 3. Reports, presentations and conferences about different health related topics.
 - System of public and private healthcare
 - Social security coverage in Spain
 - Healthcare around the world
 - Scientific advances
 - MIR/FIR in Spain
 - The profession/study of Medicine

SPECIFIC COURSE CONTENTS

BEGINNER LEVEL

Theme 1. **The human body.**

- Greetings
- Parts of the body
- A medical appointment. Basic questions/personal information
- Family medicine/medical history

Theme 2. **The medical center**

- A medical consult. Basic questions.
- First responder team
- Family medicine
- Basic medical tests

Theme 3. **Hospitals**

- Areas within the hospital
- General Medicine
- Medical Specialties
- Medical instruments

Theme 4. **Diagnostics**

- Treatment
- Medical prescriptions
- Dosage

Theme 5. **Medical Emergencies**

- Zones of emergency services
- Completion of formulas
- First Aid
- First Aid Kit

Theme 6. **Bandaging**

- Bones, joints and muscles
- Fractures
- Splints

Theme 7. **Traditional Medicine**

- Therapies and practices.
- Alternative medicine.
- Problems.

Theme 8. **Medicines.**

- Preparation of pharmaceuticals
- Laboratories.
- General medications.
- Essential medications.

Theme 9. **Politics of Healthcare**

- Attention to healthcare
- Public healthcare
- Private healthcare
- Social Security. Differences from other countries.

Theme 10. **Emergency Illnesses.**

- Prevention and control of infections
- International healthcare regulations
- Surveillance and responses

Theme 11. **Hygiene**

- Education and training
- Information centers
- Information campaigns

Theme 12. **Sports Medicine**

- Causes
- Solutions
- Health and exercise.

INTERMEDIATE LEVEL

Theme 1. **Health**

- Definition and classification
- Life expectancy
- Pain

Theme 2. **Medical Science**

- Origins and future of medicine
- The Hippocratic oath
- Actual medicine. The World Health Organization.

Theme 3. **Hospital Centers**

- Discharge
- Hospital administration
- Admission services

Theme 4. **Clinical specialties**

- Geriatrics. Problems, difficulties ...
- Medicine in the workplace.
- Nutrition

Theme 5. **Mental Health**

- Depression
- Mood Disorders
- Psychiatric hospitals

Theme 6. **Home Remedies.**

- "Grandma's pharmacy"
- Traditional medicine
- Self medication

Theme 7. **Surgical Specialties**

- Dentistry
- Ophthalmology
- Dermatology

Theme 8. **University Training**

- Basic competencies of a medical student
- Basic materials
- Related materials

Theme 9. **Scientific Societies.**

- Medical Colleges
- Fundamental Values
- Professional etiquette

Theme 10. **Nuclear Medicine**

- Radiology
- Radiopharmaceuticals
- Health technology

Theme 11. **Regenerative medicine**

- History
- Fields of action
- Actual state

Theme 12. **Nutrition**

- Nutrition and health
- Nutrition, dietetics, diet, and diet therapy
- Controversy about nutrition

ADVANCED LEVEL

Theme 1. **Preventative medicine and public health.**

- Types of prevention
- Protection, promotion and restoration of healthcare.
- Determinants of health
- Organisms. Global organizations and institutions.

Theme 2. **Cancer.**

- Malignance: benign tumors, malignant tumors.
- Diagnostics.
- Gradation and statistics
- Treatment: prognostics and prevention

Theme 3. **Pregnancy and reproduction**

- Pre-natal tests and pre-natal care
- Pre-natal control and contraception
- Entopic pregnancy
- HIV and AIDs in pregnancy

Theme 4. **The Endocrine System**

- Related illnesses: Addison's disease, pituitary gland, suprarenal glands
- Hyperthyroidism
- Diabetes

Theme 5. **Transplants**

- Types and organs transplanted
- Types of rejection
- Economic cost

Theme 6. **The Immune System**

- Immunization or vaccination
- Allergies
- Anemias

Theme 7. **Oral and Dental Health**

- Joint disorders and illnesses of the salivary glands
- Dental cosmetics
- Implants: types, problems

Theme 8. **Kidneys and the urinary system**

- Anatomy. Kidney diseases.
- Dialysis. Social Controversy

Theme 9. **Blood, heart and circulation.**

- Arterial blood pressure.
- Diseases of the heart. Prevention.
- Circulatory problems.

Theme 10. **The brain and nerves.**

- Stroke, rehabilitation
- Genetic brain disorders
- Deformations in the brain. Problems with speaking and communication.

Theme 11. **Digestive system.**

- Illnesses of the stomach
- Illnesses related to food
- *Diverticulosis* and diverticulitis

Theme 12. **Skin, hair and nails.**

- Skin aging
- Illnesses of skin, hair and nails
- Spots, melanomas and moles

METHODOLOGY

The methodology combines all of the activities that will be completed as a result of the previous plan. It will be deductive style learning, in which the student, depending on the determined case, should deduce the objectives presented in the unit, with the resolution of the activities inferring the lexical contents and specific vocabulary desired. This methodology will permit furthermore, the ability to relate, in a coherent form, the specific objectives of the contents.

EVALUATION

- **Written tests:**
 - Reading comprehension: using technical informative texts, within the hospital and healthcare sector, via multiple choice questions, fill-in-the-blanks and true/false questions.
 - Specific knowledge of the language: multiple choice questions about difficulties in grammar and vocabulary
 - Production of written tests: written composition related to different communicative situations within hospital attendance
 - Completion of a project: completion of a comparative project in research, according to the acquired knowledge from the Hospital Center visits, and from research in the city.
- **Speaking tests:**
 - Will consist of previous preparation of an appropriate project within the theme, of which later will be presented to the class, giving a personal opinion or completing an interview or dialogue with the professor and classmates.