

25603 - Research methodology

Información del Plan Docente

Academic Year	2016/17
Academic center	127 - Facultad de Ciencias de la Salud
Degree	275 - Degree in Physiotherapy
ECTS	6.0
Course	1
Period	First Four-month period
Subject Type	Basic Education
Module	---

1. Basic info

1.1. Recommendations to take this course

1.2. Activities and key dates for the course

2. Initiation

2.1. Learning outcomes that define the subject

2.2. Introduction

3. Context and competences

3.1. Goals

3.2. Context and meaning of the subject in the degree

3.3. Competences

3.4. Importance of learning outcomes

4. Evaluation

5. Activities and resources

5.1. General methodological presentation

5.2. Learning activities

5.3. Program

DESCRIPTION OF CONTENTS

Chapter 1: Introduction to research methodology: Statistics for the Health Sciences.

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Chapter 2: Basic terminology.

Chapter 3: One-dimensional descriptive statistics (I): frequency distributions and graphs.

Chapter 4: One-dimensional descriptive statistics (II): measures of central tendency, position, variability, skewness, and kurtosis. Box and whisker plot.

Chapter 5: The normal approximation for data.

Chapter 6: Parametric statistical inference (I): hypothesis tests.

Chapter 7: Parametric statistical inference (II): confidence intervals.

Chapter 8: Nonparametric statistical inference.

Chapter 9: Two-dimensional statistics. Contingency tables.

5.4.Planning and scheduling

5.5.Bibliography and recommended resources