

25603 - Research methodology

Información del Plan Docente

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| Academic Year | 2017/18 |
| Faculty / School | 127 - Facultad de Ciencias de la Salud |
| Degree | 275 - Degree in Physiotherapy |
| ECTS | 6.0 |
| Year | 1 |
| Semester | First Four-month period |
| Subject Type | Basic Education |
| Module | --- |

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

5.2.Learning tasks

5.3.Syllabus

DESCRIPTION OF CONTENTS

25603 - Research methodology

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

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.Course planning and calendar

5.5.Bibliography and recommended resources