

SCHOOL OF EDUCATIONAL SCIENCES AND SOCIAL SCIENCES
DEPARTMENT OF PSYCHOLOGY AND SOCIAL WORK
(CIP file- Classification of instructional programmes)

Course unit title:	Basic Principles of Psychometrics		
Course unit code:	PDIS201		
Type of course unit:	Required		
Level of course unit:	Bachelor		
Year of study:	2nd		
Semester when the unit is delivered:	4th		
Number of ECTS credits allocated :	5ECTS		
Name of lecturer(s):	Dr. Nataly Loizidou		
Learning outcomes of the course unit:	<p>This course is designed to introduce students to the concepts necessary for an understanding of psychological testing. The first part of the course will be a general introduction of the course material presenting a historical overview, the importance of psychometrics placing an emphasis on understanding statistical concepts related to test construction and the psychometric properties of test scores. The next part of the course will focus on scale development and the complexities/issues inherent in developing a measure/scale/inventory from scratch.</p> <p>The basic Learning Outcomes of the course are for students to:</p> <ul style="list-style-type: none"> • Understand the historical overview and recent approaches in psychometrics • Be acquainted with the fundamental definitions and theoretical approaches of psychological measurement. • Understand principles and methods of psychometric theory • Develop critical judgment of the adequacy of measures and understand the definitions of validity and reliability • Understand relevant research in developing psychological assessment tools • Understand and be able to apply the basic steps in developing a psychometric tool. • Be acquainted with ethical issues related to the use of psychometric tools and psychological assessment. 		
Mode of delivery:	Lecture, In-class discussions, Short activities on various subjects of the course. Use of the e-learning platform.		
Prerequisites:	NONE	Co-requisites:	NONE
Course contents:	1. Historical Overview of Psychometrics: Different time periods and methods		

	<p>developed within the given periods.</p> <ol style="list-style-type: none"> 2. Reliability and Validity 3. Statistical Analysis related to psychological assessment. 4. Screening Tests: Bender Gestalt with various types of scoring, and DAP test 5. Cognitive Testing: Intelligence testing, evaluating cognitive abilities. 6. Personality Testing: Historical Overview, MMPI etc. 7. Projective Tests: Historical Overview and Theory, TAT, CAT, Inkblot test
Recommended and/or required reading:	<p>Κουλάκογλου, Κ. (2016). <i>Ψυχομετρία και ψυχολογική αξιολόγηση</i> (3^η έκδοση). Αθήνα: Εκδόσεις Πατάκη.</p> <p>Αλεξόπουλος, Δ. (2011). <i>Ψυχομετρία</i>. Αθήνα: Πεδίο.</p> <p>Μέλλον, Ρ. (2010). <i>Κλινική Ψυχομετρία</i>. Αθήνα: Πεδίο.</p> <p>Σταλίκας, Α., Τριλίβα, Σ., & Ρούσση, Π. (Επιμ.) (2012). <i>Τα ψυχομετρικά εργαλεία στην Ελλάδα</i>. Αθήνα: Πεδίο.</p>
Textbooks:	<p>Κουλάκογλου, Κ. (2016). <i>Ψυχομετρία και ψυχολογική αξιολόγηση</i> (3^η έκδοση). Αθήνα: Εκδόσεις Πατάκη.</p> <p>Αλεξόπουλος, Δ. (2011). <i>Ψυχομετρία</i>. Αθήνα: Πεδίο.</p> <p>Teacher's textbook</p>
References:	<p>Μέλλον, Ρ. (2010). <i>Κλινική Ψυχομετρία</i>. Αθήνα: Πεδίο.</p> <p>Σταλίκας, Α., Τριλίβα, Σ., & Ρούσση, Π. (Επιμ.) (2012). <i>Τα ψυχομετρικά εργαλεία στην Ελλάδα</i>. Αθήνα: Πεδίο.</p> <p>Scientific articles etc.</p>
Planned learning activities and teaching methods:	Lectures, In-class short activities, Discussion.
Assessment methods and criteria:	<p>Assignments: 20%</p> <p>Test: 30%</p> <p>Final Exam: 50%</p>
Language of instruction:	Greek
Work placement(s):	NONE