Course Profile - Department of Psychology

Course Number: **PSY 311**	Course Title: **Psychological Research Methods I**
Required / Elective: Required	Pre / Co-requisites:
Catalog Description: This course is an introduction to research methods. The goals of the course are for the student to learn how research is organised, carried out, communicated and evaluated.	Textbook / Required Material: Leary, M. R. (2008). *Introduction to behavioral research methods (5th edition)*. Boston, MA: Pearson.

Course Structure / Schedule: **(3+0+0) 3 / 5 ECTS**

Extended Description:

The student will be able to develop general research skills that can be applied within any area of psychology and will learn how to use SPSS. At the end of the course, the student would be equipped with necessary knowledge of psychological measurements, research designs and basic statistical testing. One of the main aims of this course is to enable students to *critically evaluate* the research findings communicated in scientific journals as well as mass media. The student is also expected to be able to design research studies of their own, analyse the data using SPSS and report it according to APA format.

Design content: None	Computer usage: SPSS programme will be used.

Course Outcomes: The student is expected to have learnt basic research methods skills in psychology as well as how to run statistical analyses on spss such as correlational analyses and one-way ANOVA. Moreover, the students would further learn to develop their evaluation of research findings.

Teaching methods: Lecture with slides, class discussions

Course Outline

Week	Topics
1	Introduction and overview
2	BASIC CONCEPTS IN PSYCHOLOGICAL RESEARCH
3	BEHAVIOURAL VARIABILITY & RESEARCH DESCRIBING AND PRESENTING DATA
4	APPROACHES TO PSYCHOLOGICAL MEASUREMENT
5	SAMPLING
6	No class
7	CORRELATIONAL RESEARCH
8	Mid-term Exam
9	THE MEASUREMENT OF BEHAVIOUR
10	BASIC ISSUES IN EXPERIMENTAL RESEARCH ANALYSING EXPERIMENTAL DATA
11	ANALYSING EXPERIMENTAL DATA
12	BASIC ISSUES IN EXPERIMENTAL RESEARCH
13	EXPERIMENTAL DESIGN

14	EXPERIMENTAL DESIGN
15	REVIEW and Q&A Session
16	Final Exam

Assessment methods:

Midterm exam   30%
Final exam   40%
Assignments   20 %
Lectures, Lab Sessions & Discussion   10 %

Contribution of Course Learning Outcomes to Program Outcomes

	Program Outcomes	*Level of Contribution				
		1	2	3	4	5
1	Examine different concepts in the sub-areas of psychology.				x	
2	Describe and explain the differences between common sense, religion, art, philosophy and science					x
3	Learn about the major schools in psychology's history and the current developments		x			
4	Apply analytical and critical thinking skills to selected topics					x
5	Discuss and criticize ethical issues in psychology research				x	
6	Describe the procedures and principles of psychological measurement and interview techniques					x
7	Apply the principles and skills of positivistic methodology within a simple empirical study					x
8	Design and implement a simple action research and an empowerment program	x				
9	Analyse the coded data by statistical techniques					x
10	Use communication skills in class presentations			x		
11	Function effectively in multidisciplinary research teams			x		
12	Develop respect to interpersonal and cultural diversity			x		
13	Develop self awareness			x		

Student workload:

Reading	56 hrs
Lectures	33 hrs
Class discussion	5 hrs
Written assignments	25 hrs
Examinations	6 hrs

TOTAL ………………………… 125 hrs (25x5) 5 ECTS

Course Category:

ISCED General Area Codes	General Ares	ISCED Basic Area Codes	Basic Educational Areas	Percentage
1	Education	14	Teacher Training and Educational Sciences	
2	Humanities and Art	21	Art	
2	Humanities and Art	22	Humanities	
3	Social Sciences, Management and Law	31	Social and Behavioral Sciences	60
3	Social Sciences, Management and Law	32	Journalism and Informatics	
3	Social Sciences, Management and Law	38	Law	
4	Science	42	Life Sciences	
4	Science	44	Natural Sciences	
4	Science	46	Mathematics and Statistics	40
4	Science	48	Computer	
5	Engineering, Manufacturing and Civil	52	Engineering	
5	Engineering, Manufacturing and Civil	54	Manufacturing and Processing	
5	Engineering, Manufacturing and Civil	58	Architecture and Structure	

6	Agriculture	62	Agriculture, Forestry, Livestock, Fishery	
6	Agriculture	64	Veterinary	
7	Medicine and Welfare	72	Medical	
7	Medicine and Welfare	76	Social Services	
8	Service	81	Personal Services	
8	Service	84	Transport Services	
8	Service	85	Environment Protection	
8	Service	86	Security Services	

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