

### Course Profile - Department of Psychology

Course Number: <b>PSY 212</b>	Course Title: <b>Experimental Psychology</b>
Required / Elective: Required	Pre / Co-requisites: -
<p>Catalog Description:</p> <p>This is an undergraduate psychology course designed to provide students with knowledge about and hands-on practice with experimental research methods in psychology. Students will learn how to plan, conduct, and analyze their own experimental research, and how to communicate the results of their research to others.</p>	<p>Textbook / Required Material:</p> <p>Mark R. Leary, (2008), Introduction to Behavioral Research Methods</p> <p>American Psychological Association. (2001). Publication manual of the American Psychological Association, 5th ed. Washington, DC: Author.</p>
Course Structure / Schedule: ( 3+0+0) 3 / 5 ECTS	
<p>Extended Description: This course is an introduction to experimental methods. The goals of the course are for the student to learn how research is planned, carried out, communicated and critiqued. This course will focus on developing general research skills that can be applied within any area of psychology. These skills include knowledge of experimental design, statistics, report writing, and ethical standards of research.</p>	
Design content: Project	Computer usage: Required
<p>Course Outcomes:</p> <ul style="list-style-type: none"> <li>• Developing capacity for critically evaluating "scientific evidence" that is communicated in journals, magazines, newspapers, and news programs,</li> <li>• Achieving mastery in evaluating the adequacy of research findings reported by others,</li> <li>• Being able to design an experimental research, collect and analyze data, and write up APA style research reports.</li> </ul>	
<p>Teaching methods: The course is scheduled to meet for 150 minutes weekly. The class meetings will be primarily lecture/discussion format, and I will use a laptop and projector with Power Point slides during class. The Power Point slides will be provided prior to each lecture.</p> <p>Laboratory sections will accompany this course. The primary purpose of the lab is to enable students to enter their own data and to apply statistical analyses by using SPSS.</p>	

## Course Outline

Week	Topics
1	Introduction, basics of the scientific method, APA format for reports
2	Components of experiments, measurement and manipulation, ethics
3	Introduction to Practical
4	Implementing literature search and formation of hypotheses
5	Prepare materials for Practical
6	Collect data for Practical
7	Collect data for Practical
8	Entering data in SPSS
9	Data Analysis
10	Data Analysis
11	Report writing - introduction and method
12	Report writing – results and discussion
13	Overview on reports
14	Presentations

## Assessment methods:

Written report: 40%

Presentation: 10%

Final Exam: 30%

Attendance and Participation: 20%

## 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.			*		
2	Describe and explain the differences between common sense, religion, art, philosophy and science					*

3	Learn about the major schools in psychology's history and the current developments		*			
4	Apply analytical and critical thinking skills to selected topics					*
5	Discuss and criticize ethical issues in psychology research					*
6	Describe the procedures and principles of psychological measurement and interview techniques				*	
7	Apply the principles and skills of positivistic methodology within a simple empirical study					*
8	Design and implement a simple action research and an empowerment program					*
9	Analyze the coded data by statistical techniques					*
10	Use communication skills in class presentations					*
11	Function effectively in multidisciplinary research teams					*
12	Develop respect to interpersonal and cultural diversity			*		
13	Develop self awareness					*

**Student workload:**

Reading	56 hrs
Lectures	24 hrs
Lab sessions	9 hrs
Class discussion	8 hrs
Written assignments	25 hrs
Examinations	3 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	65
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	25
4	Science	48	Computer	10
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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