



## Information about the subject

**Degree:** Bachelor of Science Degree in Dentistry

**Faculty:** Faculty of Medicine and Health Sciences

**Code:** 481203 **Name:** Psychology

**Credits:** 6,00 **ECTS Year:** 2 **Semester:** 2

**Module:** Module 2: Introduction to Dentistry

**Subject Matter:** PSYCHOLOGY **Type:** Basic Formation

**Field of knowledge:** Health Sciences

**Department:** -

**Type of learning:** Classroom-based learning

**Languages in which it is taught:** English, Spanish

### Lecturer/-s:

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## Module organization

### Module 2: Introduction to Dentistry

Subject Matter	ECTS	Subject	ECTS	Year/semester
PSYCHOLOGY	6,00	Psychology	6,00	2/2
STATISTICS	6,00	Epidemiology and Statistics	6,00	1/2
INTRODUCTION TO DENTISTRY	42,00	Communication skills	6,00	1/1
		Dental Equipment, Materials and Instrumentation	6,00	2/2
		Imaging techniques and dental photography	6,00	3/2
		Introduction to Dentistry	6,00	1/1
		Oral Radiology	6,00	2/1
		Planning and Management of the dental clinic	6,00	3/2
		Preventive and Community Dentistry	6,00	3/1

## Recommended knowledge

Not necessary.



## Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Knows the principles and basic concepts of current psychology.
- R2 Uses the specific vocabulary of the subject and express yourself in an appropriate way.
- R3 Understands the basic psychological processes that guide human behavior.
- R4 The student can deduce, interpret and critically evaluate psychological aspects and behaviours coming from scientific readings or popular science.
- R5 The student uses the documentary sources available for the formation of psychological knowledge at a basic level, as well as to maintain a scientific attitude in terms of posing questions and searching for answers.
- R6 Understands basic aspects of normal and pathological personality.
- R7 Understands and relates the most relevant aspects of stress with the most appropriate techniques and therapies for coping with it.



## Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

GENERAL	Weighting			
	1	2	3	4
CG10 FWork in a multidisciplinary team			X	
CG1 I aCapacity for analysis and synthesis				X
CG2 I bOrganizational and planning skills			X	
CG7 I gProblem solving				X
CG18 SCreativity			X	
SPECIFIC	Weighting			
	1	2	3	4
CE A 1 Know the essential elements of the dental profession, including ethical principles and legal responsibilities.	X			
CE A 2 Understand the importance of such principles for the benefit of the patient, society and the profession, with special attention to professional secrecy.	X			
CE A 3 Identify the patient's concerns and expectations, as well as to communicate effectively and clearly, both orally and in writing, with patients, relatives, the media and other professionals.	X			
CE A 4 Understand and recognize the social and psychological aspects relevant to the treatment of patients.				X
CE A 5 Know how to apply the principles of anxiety and stress management to oneself, to patients and to other members of the dental team.				X
CE A 6 Understand the importance of developing a professional practice with respect to patient autonomy, beliefs and culture.			X	



CE A 7 Promote autonomous learning of new knowledge and techniques, as well as motivation for quality.			X
CE A 8 Know how to share information with other health professionals and to work as a team.			X
CE A 9 Understand the importance of maintaining and using records with patient information for subsequent analysis, preserving the confidentiality of the data.	X		
CE A 10 Know and identify the psychological and physical problems derived from gender violence in order to train students in the prevention, early detection, assistance, and rehabilitation of the victims of this form of violence.			X
CE B 1 Understand the basic biomedical sciences on which dentistry is based to ensure proper oral care.	X		
CE B 1 Understand and recognize the normal structure and function of the stomatognathic system, at the molecular, cellular, tissue and organic level, in the different stages of life.	X		
CE B 1 Understand and recognize the science of biomaterials essential for dental practice as well as the immediate management of possible allergies to them.	X		
CE B 14 Know about general disease processes, including infection, inflammation, immune system disorders, degeneration, neoplasm, metabolic disorders and genetic disorders.	X		
CE B 1 Be familiar with the general pathological features of diseases and disorders affecting organ systems, specifically those with oral impact.	X		
CE B 1 Understand the fundamentals of action, indications and efficacy of drugs and other therapeutic interventions, knowing their contraindications, interactions, systemic effects and interactions on other organs, based on available scientific evidence.	X		
CE B 1 Understand and recognize the principles of ergonomics and safety at work (including control of cross-infection, radiation protection and occupational and biological diseases).	X		
CE B 1 Know, critically evaluate and know how to use clinical and biomedical information sources to obtain, organize, interpret and communicate scientific and health information.	X		
CE E 2 Recognize the determinants of oral health in the population, both genetic and lifestyle-dependent, demographic, environmental, social, economic, psychological and cultural.	X		



CE E 3 Recognise the role of the dentist in actions to prevent and protect against oral diseases, as well as in the maintenance and promotion of health, both at individual and community level.

X

CE E 3 Know the National Health System, as well as the basic aspects of health legislation, clinical management and proper use of health resources, understanding the importance of the role of the dentist in the field of Primary Health Care.

X

## TRANSVERSAL

### Weighting

1 2 3 4

1. a. Analysis and synthesis skills

X

1. b. Organizational and planning capacity

X

1. c. Oral and written communication in the native language.

X

1. d. Knowledge of a foreign language

X

1. e. Computer skills

X

1. f. Information management capacity

X

1. g. Problem solving

X

1. h. Decision making

X

2. i. Teamwork

X

2. j. Multidisciplinary teamwork

X

2. k. Work in an international context

X

2. l. Interpersonal skills

X

2. m. Recognition of diversity and multiculturalism

X

2. n. Critical Reasoning

X



## Course guide

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2. o.	Ethical commitment			x
3. p.	Autonomous learning		x	
3. q.	Adaptation to new situations		x	
3. r.	Creativity		x	
3. s.	Leadership		x	
3. t.	Knowledge of other cultures and customs	x		
3. u.	Initiative and entrepreneurship		x	
3. v.	Motivation for quality			x
3. w.	Sensitivity to environmental and socio-health issues		x	



## Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
	70,00%	MULTIPLE CHOICE TEST: Multiple choice test with one correct answer. This shows to greater extent the contents acquired by the student.
	20,00%	PRESENTATION: The student develops by means of an oral presentation, supported with audio-visual materials, a theme or topic given by the teacher. At the end of the presentation, the teacher or audience may ask questions.
	10,00%	ASSIGNMENTS: The student, ether individually or in a group, develops a theme which reviews or researches, and he/she presents it, in writing, for assessment by the teacher.

### Observations

#### Requirements:

Passing the exam is required to pass the subject. Practical presentations or assignments will not be counted if the written exam has not been passed.

The completion of group work and practices is not mandatory, however, failure to carry out these activities will mean that they will not be counted in the final calculation of the grade for the subject, so that the maximum grade that the student who has not submitted these works will be able to obtain in this subject it will be 7 (provided that a 10 has been obtained in the written exam).

#### Criteria for granting honors:

Demonstrate levels of excellence in all competencies and learning outcomes.

### MENTION OF DISTINCTION:

According to Article 22 of the Regulations governing the Evaluation and Qualification of UCV Courses, the mention of "Distinction of Honor" may be awarded by the professor responsible for the course to students who have obtained, at least, the qualification of 9 over 10 ("Sobresaliente"). The number of "Distinction of Honor" mentions that may be awarded may not exceed five percent of the number of students included in the same official record, unless this number is lower than 20, in which case only one "Distinction of Honor" may be awarded.





## Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M1      Lecture.  
            Problem Solving.  
            Explanation of contents by the teacher.  
            Explanation of knowledge and skills.
- M3      Problem and case solving.  
            Social action activities.
- M6      Discussion and problem solving.
- M9      Group work: group work sessions supervised by the teacher.  
            Knowledge building through interaction and activity of students.
- M13     Personal preparation of written texts, essays, problem solving, seminars.
- M15     Personalised Attention. Period of instruction and/or guidance carried out by a tutor with the aim of analysing with the student his/her work, activities and evolution in learning of subjects.



## IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
THEORY CLASS M1, M6, M9, M13	R1, R2, R3, R4, R5, R6, R7	56,00	2,24
TUTORING M1, M6, M9, M13	R1, R2, R3, R4, R5, R6, R7	2,00	0,08
EVALUATION M1, M3, M6, M9, M13, M15	R1, R2, R3, R4, R5, R6	2,00	0,08
<b>TOTAL</b>		<b>60,00</b>	<b>2,40</b>

## LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
INDIVIDUAL WORK M13, M15	R1, R2, R3, R4, R5, R6, R7	60,00	2,40
GROUP WORK M9, M13, M15	R1, R2, R3, R4, R5, R6, R7	30,00	1,20
<b>TOTAL</b>		<b>90,00</b>	<b>3,60</b>



## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

Content block	Contents
UNIT I: Introduction to Psychology	T1. Psychology as a science. Definition, purpose and method of study. Main schools of psychology. T2. Health Psychology. Biomedical model and biopsychosocial model. T3. Contexts, mechanisms, aspects and stages of human development. Emotional development.
UNIT II: Cognitive and learning processes	T4. Sensation and perception T5. Attention and memory T6. Motivation and emotion T7. Learning
UNIT III: Stress and disease	<b>T8.</b> The role of stress in the development of the disease. <b>T9.</b> Dental anxiety
UNIT IV: Therapeutic skills in profession	T10. Therapeutic skills.



## Temporary organization of learning:

Block of content	Number of sessions	Hours
UNIT I: Introduction to Psychology	4,00	8,00
UNIT II: Cognitive and learning processes	14,00	28,00
UNIT III: Stress and disease	8,00	16,00
UNIT IV: Therapeutic skills in profession	4,00	8,00



## References

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