Information about the subject

Degree: Bachelor of Science Degree in Dentistry

Faculty: Faculty of Medicine and Health Sciences

Code: 480102 **Name:** Science, Reason and Faith

Credits: 6,00 **ECTS Year:** 1 **Semester:** 1

Module: Module 5: Anthropology and Professional Ethics

Subject Matter: SCIENCE, REASON AND FAITH **Type:** Compulsory

Field of knowledge: Ciencias de la Salud

Department: Theology, Social Doctrine of the Church and Deontology or Professional Ethics

Type of learning: Classroom-based learning

Languages in which it is taught: English, Spanish

Lecturer/-s:

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Module organization

Module 5: Anthropology and Professional Ethics

Subject Matter	ECTS	Subject	ECTS	Year/semester
ANTHROPOLOGY	6,00	Anthropology	6,00	2/1
SCIENCE, REASON AND FAITH	6,00	Science, Reason and Faith	6,00	1/1
SOCIAL MORAL-DEONTOLOGY	6,00	Social Morality. Deontological Ethics	6,00	3/1

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 Adequately values the person and the factors that constitute his nature: physical, psychic, rational and spiritual.

R2 Understands the dynamics of freedom and its implications: moral responsibility.

R3 Knows the basic notions of science and the processes of hominization and humanization.

R4 Proves to sharpen the sense of faith in order to establish a fruitful dialogue with current thought and culture regarding the human condition and its fundamental problems.

R5 Knows how to be receptive to all those theories and thoughts that do not convince the student, being respectful to those who hold or have held them.

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
CG1 I aCapacity for analysis and synthesis				x
CG2 I bOrganizational and planning skills		x		

SPECIFIC	Weighting			
	1	2	3	4
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	

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. e. Computer skills		x		
1. f. Information management capacity				x
1. g. Problem solving				x
2. j. Multidisciplinary teamwork				x

2. l.	Interpersonal skills		x	
2. m.	Recognition of diversity and multiculturalism			x
2. n.	Critical Reasoning			x
2. o.	Ethical commitment			x
3. p.	Autonomous learning			x
3. r.	Creativity		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
R1, R2, R3, R4	40,00%	OPEN QUESTIONS: Written exam in which basic theory knowledge and the ability to relate, integrate and coherently express it in writing is assessed.
R1, R3	15,00%	MULTIPLE CHOICE TEST: Multiple choice test with one correct answer. This shows to greater extent the contents acquired by the student.
	0,00%	ORAL TEST: Oral exam in which the student answers the questions the teacher asks, verbally explaining the contents acquired, allowing for interaction with the teacher.
R1, R3	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.
R1, R2, R3, R4	20,00%	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.
R2	5,00%	CLASS PARTICIPATION: The teacher assesses the participation, involvement and progress the student makes in acquiring knowledge and skills in theory and practical classes and seminars. This is never more than 5% of the final grade.

Observations

The necessary material to follow the course is available on the Platform.
Attendance: a minimum of 25% attendance will be necessary to pass the subject.
Deliverable activities on Platform: they are brief pappers about articles.
Presencial exam: Written test at the end of the course. The student has to pass the written test in order to average with the rest of the assessment elements.
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 forthe 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.

For the 2nd registration group:
They are required to retake all assessment items.
And, as in the Presencial group, the student has to pass the written test to be able to average with the rest of the evaluation elements.

MENTION OF DISTINCTION:
In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded. Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.

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.
M5	Problem and case solving. Written tasks. Online activity on the e-learning platform. Personal study. Compiling information and documentation.
M6	Discussion and problem solving.

M8 Oral presentations by students.

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	R1, R2, R3, R4	56,00	2,24
TUTORING M15	R5	2,00	0,08
EVALUATION M5, M13	R1, R2, R3, R4	2,00	0,08
TOTAL		**60,00**	**2,40**

LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
INDIVIDUAL WORK M5, M13	R1, R2, R3, R4	70,00	2,80
GROUP WORK M5, M6, M8, M9, M13	R3, R4, R5	20,00	0,80
TOTAL		**90,00**	**3,60**

Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
U 1. Science and Religion.	This Unit presents science and religion as two great worldviews called to complement each other through the mediaton of philosophy. The diferent types of religiosity are worked on, aswell as the two great forms of no religiosity: atheism and agnostcism. Also works on the different types of religiosity, as well as the two great forms of non-religiosity: atheism and agnosticism. Characteristics of epistemological aspects of scientific knowledge and religious knowledge: principles, object, methodology, scope and limits. The need for both types is shown of knowledge to arrive at adequate knowledgeof reality.
U 2. Types of relationship between science and religion.	This Unit works on the types of relationships thatcan occur, and have historically occurred, between thescience and religion as human activities:conflict, independence, dialogue, complementarity,integration.
U 3. Scientific materialism.	This Unit focuses on the nature of scientific materialism and its implications in the understanding of the human being in relation to the characteristics of intelligence and freedom. Fundamental notions such as matter, spirit, scientism, determinism, indeterminacy, freedom, mind, brain, will be explained.
U 4. Science and Christian faith	This Unit collects the reception of the scientific contents of antiquity inChristian culture, and the role of the Holy Fathers in thepreservation of knowledge in Europe after the fall of theRoman Empire, as well as the important work of the Churchin the promotion of culture: medieval manuscripts,libraries, creation of universities.

U5. The birth of modern science. Galileo Case.	Here we work on how the scientific revolution originated: the nature of modern science, the most representative figures, precursors of it in the Middle Ages. It also delves into the Galileo case and the historical and scientific reasons that motivated it.
U 6. Cosmology and creation	The origin of the universe. Review of the main scientific theories on the origin and expansion of the universe. Interpretation of thereligious proposal of the creation of the world. Relation between both perspectives.
U 7. Evolution and human person.	Historical figure of Darwin. How his theory of evolution was conceived. Implementations to the theory of Darwinian evolution. Difference between evolutionary theory and radical evolutionism. Main scientific theories about the origin of life and of man. Dispersion of humanity. Specificity of homo sapiens sapiens. Creation and human singularity in Christian thought.
U 8. Science and ethics	Ethical nature of the human being. Main paradigms Ethical. Essential character of the ethical dimension in the professional work. Social dimension of ethics.
U 9. Ecology and the environment	In this unit, the notion of integral ecology will be worked on by Pope Francis' encyclical Laudato si
U 10. Main monotheistic religions	This unit will work on the specificity of the different monotheistic religions.

Temporary organization of learning:

Block of content	Number of sessions	Hours
U 1. Science and Religion.	3,00	6,00
U 2. Types of relationship between science and religion.	3,00	6,00
U 3. Scientific materialism.	3,00	6,00
U 4. Science and Christian faith	3,00	6,00
U5. The birth of modern science. Galileo Case.	3,00	6,00
U 6. Cosmology and creation	4,00	8,00
U 7. Evolution and human person.	4,00	8,00
U 8. Science and ethics	3,00	6,00
U 9. Ecology and the environment	2,00	4,00
U 10. Main monotheistic religions	2,00	4,00

References

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- Selected papers propossed by the teacher.