



## Information about the subject

**Degree:** Bachelor of Degree in Marine Sciences

**Faculty:** Faculty of Veterinary Medicine and Experimental Sciences

**Code:** 272010 **Name:** Science, Reason and Faith

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

**Module:** Professional Anthropology and Deontology

**Subject Matter:** Social Doctrine of the Church **Type:** Compulsory

**Department:** Basic and Cross-disciplinary Sciences

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

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

### Lecturer/-s:

272A Monica Aroca Bernabeu (**Responsible Lecturer**)

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## Module organization

### Professional Anthropology and Deontology

Subject Matter	ECTS	Subject	ECTS	Year/semester
Anthropology	6,00	Anthropology	6,00	1/2
Social Doctrine of the Church	6,00	Science, Reason and Faith	6,00	2/2
Ethics and Professional Deontology	6,00	Social Moral - Deontology	6,00	4/2

## Recommended knowledge

It is not required.



## 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 The student values adequately the person and the factors that constitute his/her nature: physical, psychic, rational and spiritual.
- R2 The student recognizes the social character of the person and the primacy of love in human relationships, valuing the foundations of solidarity action.
- R3 The student is capable of acquiring the basic notions of science and the processes of hominization and humanization.
- R4 The student knows how to reflect and give reasons for existential questions: desires, limits and transcendence.
- R5 The student identifies the place of affections and emotions in the person.
- R6 The student sharpens the sense of faith in order to be able to establish a fruitful dialogue with current thought and culture regarding the human condition and its fundamental problems.
- R7 The student is able to delve into the reasons for his/her hope.
- R8 The student knows how to be receptive to all those theories and thoughts that do not convince him/her by being respectful of those who hold them or have held them.
- R9 The student is capable of explaining the complexity of justice, the common good and the configuration of political society and the State.
- R10 The student understands the dynamics of freedom and its implications: moral responsibility.



## 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):

BASIC		Weighting			
		1	2	3	4
CB2	Students are able to apply knowledge to their work in a professional way and have the competences enabling them to state and defend views and opinions as well as perform problem-solving tasks in their field of study.			X	
CB4	Command of a foreign language			X	
CB5	Students develop the necessary learning skills to undertake further studies with a high level of autonomy.			X	

GENERAL		Weighting			
		1	2	3	4
CG1	Capacity to analyze and synthesize				X
CG2	Capacity to organize and plan			X	
CG3	Mastering Spanish oral and written communication				X
CG6	Capacity to manage information (capacity to look for and analyze information coming from different types of sources)				X
CG7	Decision making				X
CG8	Capacity to work in interdisciplinary and multidisciplinary team			X	
CG9	Interpersonal skills				X
CG10	Critical and self-critical capacity			X	
CG11	Capacity to learn				X



CG12	Capacity to adapt to new situations				X
CG13	Capacity to produce new ideas (creativity)			X	
CG14	Leadership abilities.			X	
CG18	Sensibility to environmental issues.				X

SPECIFIC		Weighting			
		1	2	3	4
CE8	Identifying and analyzing new problems and proposing solution strategies			X	
CE17	Developing training programs for marine and coastal areas		X		
CE19	Deeply understanding operating systems of maritime orientated companies, identifying their problems and proposing solutions		X		
CE20	Mastering practical use of models, including new data for validation, improvement and development of models		X		

TRANSVERSAL		Weighting			
		1	2	3	4
CT1	Understanding multicultural and diverse environment			X	
CT2	Ethics				X



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

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4, R5	60,00%	Written test with theoretical and practical questions
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	30,00%	Delivery of guided assignments, whose objectives and contents will be proposed by the teacher
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	10,00%	Oral presentation

### Observations

According to the general evaluation and qualification regulations, the preferred evaluation system will be by means of continuous evaluation and it will consist of taking two non-eliminatorily midterms of the subject

In order to pass the course, a minimum mark of 5 is required in the written test and the weighted average of all the items must be equal to or higher than 5.

Spelling mistakes may lower the mark by up to 10%. This, however, shall not apply to international exchange students.

Finally, according to article 10 of the current assessment regulations, in the event that it is impossible for students enrolled in a face-to-face degree to attend, they may opt for 'single assessment'. This is an extraordinary and exceptional assessment system available to those students who, in a justified and accredited manner, are unable to undergo the continuous assessment system and request it within the first month of each semester, by the means provided for this purpose. The Dean of the Faculty shall decide on the admission of the student's request for a single assessment.

The use of tools based on artificial intelligence (AI) is subject to the teacher's criteria, who may establish specific limits or conditions depending on the training or assessment activity.



## 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 9 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 Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge.
- M2 Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity.
- M6 Personalized and small group attention. Period of instruction and/or guidance carried out by a tutor to review and discuss materials and topics presented in classes, seminars, readings, papers, etc.
- M8 Set of oral and/or written tests used in initial, formative or additive assessment of the student.
- M9 Group preparation of readings, essays, problem-solving, seminars, papers, reports, etc. to be presented or submitted in theoretical, practical and/or small-group tutoring sessions. Work done on the university e-learning platform ([www.plataforma.ucv.es](http://www.plataforma.ucv.es))
- M10 Student's study: Individual preparation of readings, essays, problem-solving, seminars, papers, reports, etc. to be presented or submitted in theoretical, practical and/or small-group tutoring sessions. Work done on the university e-learning platform ([www.plataforma.ucv.es](http://www.plataforma.ucv.es)).



## IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
ON-CAMPUS CLASS M1	R1, R2, R4, R5	25,00	1,00
PRACTICAL CLASSES M2	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	30,00	1,20
TUTORIAL M6	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	5,00	0,20
ASSESSMENT M8	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	2,00	0,08
<b>TOTAL</b>		<b>62,00</b>	<b>2,48</b>

## LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
GROUP WORK M9	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	25,00	1,00
INDEPENDENT WORK M10	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	63,00	2,52
<b>TOTAL</b>		<b>88,00</b>	<b>3,52</b>





## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

Content block	Contents
Science and Religion.	1. Science and Religion. 2. Scientific knowledge and religious knowledge. 3. Relationships between Science and Religion.
Scientific materialism	4. Scientific materialism
History of the science-faith relationship	5. Science and Faith. The Saint Fathers and the Middle Age. 6. The birth of the Modern Science. 7. The Galileo Case. 8. Cosmology and Creation. 9. Darwin and the Evolution Theory. 10. The beginning of the life and human person. 11. The actual scientist and the question about God.
Dialogue between science and faith	12. Science and Ethics. 13. Science, Religion and Environment.
The Christianity and the other Religions.	14. The Christianity and the other Religions.



## Organization of the practical activities:

	Content	Place	Hours
PR1.	videoforum	Lecture room	13,00
PR2.	cultural visit	Lecture room	2,00
PR3.	exhibition of works	Lecture room	5,00
PR4.	group work sessions	Lecture room	10,00

## Temporary organization of learning:

Block of content	Number of sessions	Hours
Science and Religion.	9,00	18,00
Scientific materialism	3,00	6,00
History of the science-faith relationship	13,00	26,00
Dialogue between science and faith	4,00	8,00
The Christianity and the other Religions.	2,00	4,00



## References

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