



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: -

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

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.

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 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)
- 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).



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
TOTAL		62,00	2,48

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
TOTAL		88,00	3,52



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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Ratzinger, J. (2011). Fe y ciencia. Un diálogo necesario. Editorial Sal terrae: Maliaño (Cantabria)

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Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

Situation 1: Teaching without limited capacity (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

Situation 2: Teaching with limited capacity (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

In the particular case of this subject, these videoconferences will be made through:

☒ Microsoft Teams

☐ Kaltura



Situation 3: Confinement due to a new State of Alarm.

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

☒ Microsoft Teams

☐ Kaltura

Explanation about the practical sessions:



2. System for Assessing the Acquisition of the competences and Assessment System

ONSITE WORK

Regarding the Assessment Tools:

☒ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐ The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

Comments to the Assessment System: