



Information about the course

Degree: Bachelor of Sciences of Physical Activity and Sport

Faculty: Faculty of Physical Activity and Sport Sciences

Code: 282044 **Name:** Science, Reason and Faith

Credits: 6,00 ECTS **Year:** 3 **Semester:** 2

Module: 4) Optional Module.

Subject Matter: Anthropology. **Type:** Optativa

Branch of knowledge: Health Sciences

Department: Basic Sciences and Cross-disciplinary Subjects

Type of learning: Classroom-based learning

Language/-s in which it is given: Spanish

Teachers:

| | | |
|------|--|----------------------|
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Module organization

4) Optional Module.

| Subject Matter | ECTS | Subject | ECTS | Year/semester |
|------------------------------------|------|---|------|---------------|
| Inclusive Activities and Practices | 4 | Inclusive Activities and Practices in the Areas of Education and Leisure Time | 4 | 4/2 |
| Anthropology. | 12 | Anthropology | 6 | 3/1 |
| | | Science, Reason and Faith | 6 | 3/2 |
| Collective Sports | 22 | Basketball | 4 | 4/2 |
| | | Football | 4 | 4/2 |
| | | Handball | 4 | 4/2 |
| | | Hockey | 4 | 4/2 |
| | | Volleyball | 4 | 4/2 |
| Adversary Sports | 18 | Fencing | 4 | 4/2 |
| | | Judo | 4 | 4/2 |
| | | Paddle | 4 | 4/2 |
| | | Tennis | 4 | 4/2 |
| Sports in the Natural Environment | 4 | Sports in Nature: Specific Techniques | 4 | 4/2 |
| Individual sports | 22 | Athletics | 4 | 4/2 |



| | | | | |
|---|----|---|---|-----|
| Individual sports | | Cycling | 4 | 4/2 |
| | | Gymnastics | 4 | 4/2 |
| | | Swimming | 4 | 4/2 |
| | | Triathlon | 4 | 4/2 |
| Direction and Management of Gyms and Sports Centers | 4 | Gym and Sports Centre Management and Administration | 4 | 4/2 |
| Idiom | 9 | Inglés Avanzado para Ciencias Actividad Física y Deporte | 4 | 4/2 |
| | | Inglés Intermedio para Ciencias Actividad Física y Deporte | 4 | 4/2 |
| Sports facilities | 4 | Sports Facilities | 4 | 4/2 |
| Research Methods and Techniques | 4 | Applied Research Methods and Techniques in Sport Sciences | 4 | 4/2 |
| Nutrition | 4 | Nutrition | 4 | 4/2 |
| Professional Itinerary Electives | 27 | Fitness and Physical Conditioning | 6 | 4/1 |
| | | Pedagogy in Eduational Values in Sports and Physical Activity | 6 | 4/1 |
| | | Skills, Entrepreneurship and Employment | 3 | 4/2 |
| | | Sports Management of Human and Economic Resources | 6 | 4/1 |



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|----------------------------------|---|--|---|-----|
| Professional Itinerary Electives | | Theory and Practice of Training for High Performance in Sports | 6 | 4/1 |
| Trends in sports practices | 4 | Trends in Sports Practices | 4 | 4/2 |
| Social Skills and Group Dynamics | 4 | Social Skills and Group Dynamics | 4 | 4/2 |



Learning outcomes

Al finalizar la asignatura, el estudiante deberá demostrar haber adquirido los siguientes resultados de aprendizaje:

R10 - Acquire basic notions of science and the processes of hominization and humanization.

Learning outcomes of the specified title

Type of AR: Habilidades o Destrezas

- Apply the principles derived from the concept of integral ecology in your proposals or actions, whatever the scope and area of knowledge and the contexts in which they are proposed.
- Develop theoretical-practical responses based on the sincere search for the full truth and the integration of all dimensions of the human being when faced with the great questions of life.
- Know, prepare and know how to apply the ethical-deontological, structural-organizational conditions, professional performance and the regulations of professional practice of Graduates in Physical Activity and Sports Sciences, in any professional sector of physical activity and sport (teaching formal and informal physical-sports; physical and sports training; physical exercise for health; as well as being able to develop multidisciplinary work
- Respect and put into practice the ethical principles and action proposals derived from the objectives for sustainable development, transferring them to all academic and professional activities.
- Understand, know how to explain and disseminate the functions, responsibilities and importance of a good professional Graduate in Physical Activity and Sports Sciences as well as analyze, understand, identify and reflect critically and autonomously on their identity, training and professional performance to achieve the purposes and benefits of physical activity and sport in an adequate, safe, healthy and efficient manner in all physical-sports services offered and provided and in any professional sector of physical activity and sport.

Type of AR: Competencias

- Know and know how to apply ethical and deontological principles and social justice in professional performance and involvement, as well as have habits of scientific and professional rigor and a constant attitude of service to citizens in the exercise of their professional practice with which improvement, excellence, quality and efficiency are intended.



R11 - Reflect on and provide reasons for existential questions related to desires, limits, and transcendence.

Learning outcomes of the specified title

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R13 - Cultivate a sense of faith to engage in fruitful dialogue with contemporary thought and culture regarding human condition and fundamental problems.

Learning outcomes of the specified title



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R14 - Deepen understanding of the reasons underlying hope.

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R15 - Maintain receptivity toward theories and ideas that may not fully convince the student, while respecting those who hold or have held them.

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R7 - Adequately value the person and the factors constituting their nature: physical, psychological, rational, and spiritual.

Learning outcomes of the specified title

Type of AR: Habilidades o Destrezas

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Assessment system

Modalidad presencial

| Assessed learning outcomes | Granted percentage | Assessment tool |
|-----------------------------|--------------------|---|
| R7, R10, R11, R13, R14, R15 | 50,00% | Written and/or practical tests. |
| R11 | 30,00% | Individual or Group Work / Project. |
| R7, R10, R11, R13, R14, R15 | 10,00% | Exercises and Practices in the Classroom. |
| R11 | 10,00% | Oral tests or presentation. |

Observations

- The student may keep the assessment instruments passed for 3 years after the first registration.
- It is necessary to obtain 50% in all the instruments to pass the subject.
- According to article 4.2. of the Guidelines for Evaluation at the UCV, the limit of absences that can be justified for eventualities (medical consultation, bureaucratic procedures...) that do not have to be justified, is 30%.

The detailed explanation (procedure of the tasks) as well as the evaluation instruments (cards or rubrics) of each section will be published on the platform of each group at the student's disposal.



Actividades formativas

The methodologies to be used so that the students reach the expected learning outcomes will be the following:

- M2 Resolution of problems and cases.
- M3 Discussion in small groups.
- M5 Presentation of content by the teacher.
- M7 Group dynamics and activities.

IN-CLASS TRAINING ACTIVITIES

| ACTIVITY | RELATIONSHIP WITH THE COURSE LEARNING OUTCOMES | METHODOLOGY | HOURS | ECTS |
|--|--|--|-------|------|
| THEORETICAL CLASS: Presentation of contents by the teacher. Competency analysis. Demonstration of capabilities, skills and knowledge in the classroom. | R7, R10, R11, R13, R14, R15 | Discussion in small groups. Presentation of content by the teacher. Group dynamics and activities. | 43,00 | 1,72 |
| PRACTICAL CLASS / SEMINAR: Group dynamics and activities. Resolution of problems and cases. Practical laboratories. Data search, computer classroom, library, etc. Meaningful construction of knowledge through student interaction and activity. | R7, R10, R11, R13, R14, R15 | Resolution of problems and cases. Discussion in small groups. Group dynamics and activities. | 16,00 | 0,64 |



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|---|-----------------------------|--|--------------|-------------|
| EVALUATION: Set of oral and/or written tests used in the evaluation of the student, including the oral presentation of the final degree project. | R7, R10, R11, R13, R14, R15 | Resolution of problems and cases. Discussion in small groups. | 2,00 | 0,08 |
| TUTORING: Supervision of learning, evolution. Discussion in small groups. Resolution of problems and cases. Presentation of results before the teacher. Presentation of diagrams and indexes of the proposed works. | R7, R10, R11, R13, R14, R15 | Discussion in small groups. | 4,00 | 0,16 |
| TOTAL | | | 65,00 | 2,60 |

TRAINING ACTIVITIES OF AUTONOMOUS WORK

| ACTIVITY | RELATIONSHIP WITH THE COURSE LEARNING OUTCOMES | METHODOLOGY | HOURS | ECTS |
|--|--|---|--------------|-------------|
| GROUP WORK: Problem solving. Preparation of exercises, memoirs, to present or deliver in classes and/or in tutoring. | R7, R10, R11, R13, R14, R15 | Resolution of problems and cases. Group dynamics and activities. | 40,00 | 1,60 |
| SELF-EMPLOYED WORK: Study, Individual preparation of exercises, assignments, reports, to present or deliver in classes and/or in tutoring. Activities in platform or other virtual spaces. | R7, R10, R11, R13, R14, R15 | Resolution of problems and cases. | 45,00 | 1,80 |
| TOTAL | | | 85,00 | 3,40 |



Description of contents

Descripción de contenidos necesarios para la adquisición de los resultados de aprendizaje.

Theoretical content:

| Block of content | Contents |
|------------------|---|
| BLOCK I | SCIENCE AND RELIGION.SCIENTIFIC KNOWLEDGE AND RELIGIOUS KNOWLEDGE.RELATIONS BETWEEN SCIENCE AND RELIGION. |
| BLOCK II | SCIENTIFIC MATERIALISM |
| BLOCK III | HISTORY OF THE SCIENCE-FAITH RELATIONSHIP: HOLY FATHERS AND THE MIDDLE AGES THE BIRTH OF MODERN SCIENCE THE GALILEO CASE - COSMOLOGY AND CREATION. THE ORIGIN OF THE UNIVERSE. -DARWIN AND THE THEORY OF EVOLUTION. THE ORIGIN OF LIFE AND THE HUMAN BEING MODERN SCIENTISTS AND THE QUESTION OF GOD |
| BLOCK IV | SCIENCE AND ETHICS |
| BLOCK V | SCIENCE, RELIGION AND THE ENVIRONMENT |
| BLOCK VI | CHRISTIANITY AND THE HISTORY OF RELIGIONS |



Temporary organization of learning:

| Block of content | Sessions | Hours |
|------------------|----------|-------|
| BLOCK I | 7 | 14,00 |
| BLOCK II | 4 | 8,00 |
| BLOCK III | 12 | 24,00 |
| BLOCK IV | 4 | 8,00 |
| BLOCK V | 3 | 6,00 |
| BLOCK VI | 3 | 5,00 |



References

- Artigas, M. (1983). *Ciencia, razón y fe. Iniciación filosófica*. Editorial EUNSA: Pamplona (Navarra)
- Escudero, E. (2002). *Creer es razonable: fenomenología y filosofía de la religión*. Ediciones Siquem: Valencia
- Pablo VI. (1965). *Gaudium et spes*. Recuperado de:
http://www.vatican.va/archive/hist_councils/ii_vatican_council/documents/vatii_const_19651207_gaudium-et-spes_sp.html
- Papa Francisco. (2013). *Lumen fidei*. Recuperado de:
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http://w2.vatican.va/content/francesco/es/encyclicals/documents/papafrancesco_20150524_enciclica-laudato-si.html
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http://w2.vatican.va/content/piusxii/es/encyclicals/documents/hf_p-xii_enc_12081950_humani-generis.html
- Ratzinger, J. (2011). *Fe y ciencia. Un diálogo necesario*. Editorial Sal terrae: Maliaño (Cantabria)
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<https://www.google.es/search?q=Fides+et+ratio&oq=Fides+et+ratio&aqs=chrome..69i57j0l5.4791j0j4&sourceid=chrome&ie=UTF-8>
- Udías, A. (2010). *Ciencia y religión. Dos visiones del mundo*. Editorial Sal terrae: Maliaño (Cantabria)
- Artigas, M. (2004). *Las fronteras del evolucionismo*. EUNSA: Navarra
- Bolloré M-Y & Bonnassies, O. (2023). *Dios, la ciencia y las pruebas. El albor de una revolución. ¿Y si Dios existe?* Editorial Funambulista: Madrid.
- Gingerich, O. (2022). *El planeta de Dios*. Editorial Trotta: Madrid.
- González-Hurtado, J.C. (2023). *Nuevas evidencias científicas de la existencia de Dios*. Editorial Voz de Papel: Madrid.