

## 370519 - PATO - Ocular Pathology

Coordinating unit: 370 - FOOT - Terrassa School of Optics and Optometry  
Teaching unit: 731 - OO - Department of Optics and Optometry  
742 - CEN - Department of Nautical Sciences and Engineering  
Academic year: 2019  
Degree: BACHELOR'S DEGREE IN OPTICS AND OPTOMETRY (Syllabus 2009). (Teaching unit Compulsory)  
ECTS credits: 6 Teaching languages: Catalan, Spanish

### Teaching staff

Coordinator: Asaad Ammaar, Mouafk (<http://futur.upc.edu/MouafkAsaadAmmaar>)  
Others: Asaad Ammaar, Mouafk (<http://futur.upc.edu/MouafkAsaadAmmaar>)  
Almudi Cortes, Lorena (<http://futur.upc.edu/LorenaAlmudiCortes>)

### Degree competences to which the subject contributes

#### Specific:

1. Acquire skills in patient care
2. Apply the techniques of detection of ocular and systemic diseases with visual affectation, from the etiology, signs, symptoms and epidemiology.
4. Applying the protocols of public health in relation to visual health.
5. Applying an specific anamnesis to extract relevant information.
6. Ability to write and interpret a report
7. Communicate and inform the patient of all the tests to be performed and the results of clinical evaluation
8. Detecting the need to derive the patient with the corresponding report to the appropriate professional and be able to collaborate keeping the follow-up of the patient
9. Designing protocols for prevention of visual health
10. Establish protocols, analyze results and elaborate the corresponding reports
11. Producing accurately diagnoses and remission reports.
12. Interpret the registers obtained with different techniques. Determine the status of ocular structures.
13. Knowing how to do clinical examinations and interpret the results
14. Know establish an optimal therapeutic relationship, know communicate with the patient
15. Know interpret functional and health test results of the visual system.
16. Value the need to realize complementary tests. Realize and interpret correctly the results of these tests (visual field, layouts,...)

#### Generical:

17. Being able to collaborate on initiatives, both locally and globally, committed to improving the visual health of the population
18. Develop empathy with people

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19. Synthesize and organize information to convey it effectively orally and / or written
20. Interpret and use non-verbal language
21. Display information orally and in writing of reasonably and coherent.
22. Judgments (ratings) reports and surveys
23. Flexibility to integrate into dynamic environments, multidisciplinary and multicultural.
24. Acquire communication techniques appropriate to ensure the success of teamwork
25. Locate new information and the interpretation of it in its context.
26. Encourage methodical work, rigorous, consistent and innovative
27. Working with evidence, methodology and rigour.

### Teaching methodology

### Learning objectives of the subject

### Study load

Total learning time: 143h 42m	Hours large group:	0h	0.00%
	Hours medium group:	47h 42m	33.19%
	Hours small group:	12h	8.35%
	Guided activities:	0h	0.00%
	Self study:	84h	58.46%

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### Content

(ENG) Capítulo 2: Recuerdo anatómico del aparato ocular	
Degree competences to which the content contributes:	
(ENG) Capítulo 3: Fisiopatología y alteraciones de los párpados	Learning time: 1h Practical classes: 1h
Description: .	
(ENG) Capítulo 4: Fisiopatología y alteraciones del aparato lagrimal	Learning time: 1h Practical classes: 1h
Description: .	
(ENG) Capítulo 5: Fisiopatología y alteraciones de la conjuntiva	Learning time: 2h Practical classes: 2h
Description: .	
(ENG) Capítulo 6: Fisiopatología y alteraciones de la cornea	Learning time: 2h Theory classes: 2h
Description: .	
(ENG) Capítulo 7: Fisiopatología y alteraciones de la esclerótica	Learning time: 1h Theory classes: 1h
Description: .	

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(ENG) Capítulo 8: Fisiopatología y alteraciones de la uvea	Learning time: 1h Practical classes: 1h
Description: .	
(ENG) Capítulo 9: Fisiopatología y alteraciones del cristalino	Learning time: 2h Theory classes: 2h
Description: .	
(ENG) Capítulo 10: Glaucoma	Learning time: 3h Theory classes: 3h
Description: .	
(ENG) Capítulo 11: Fisiopatología y alteraciones Del vítreo	Learning time: 3h Theory classes: 3h
Description: .	
(ENG) Capítulo 12: Patología de la retina	Learning time: 3h Theory classes: 3h
Description: .	
(ENG) Capítulo 13: Fisiopatología y alteraciones del nervio óptico	Learning time: 3h Theory classes: 3h
Description: .	

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(ENG) Capítulo 14: Oftalmo pediatria	Learning time: 2h Theory classes: 2h
Description: .	

### Regulations for carrying out activities

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### Bibliography

#### Basic:

Kanski, J.J. Oftalmología clínica: [un enfoque sistemático]. 5ª ed. Madrid [etc.]: Elsevier, 2004. ISBN 9788481747584.