

## 370548 - AUDIOLOG - Introduction to Audiology

Coordinating unit: 370 - FOOT - Terrassa School of Optics and Optometry  
 Teaching unit: 731 - OO - Department of Optics and Optometry  
 Academic year: 2019  
 Degree: BACHELOR'S DEGREE IN OPTICS AND OPTOMETRY (Syllabus 2009). (Teaching unit Optional)  
 ECTS credits: 3 Teaching languages: Spanish

### Teaching staff

Coordinator: César Urtubia Vicario (<http://futur.upc.edu/CesarurtubiaVicario>)

### Learning objectives of the subject

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### Study load

Total learning time: 75h	Hours medium group:	21h	28.00%
	Hours small group:	9h	12.00%
	Self study:	45h	60.00%

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### Content

<p>title english</p>	<p>Learning time: 6h Theory classes: 2h Self study : 4h</p>
<p>Description: content english</p>	
<p>title english</p>	<p>Learning time: 14h Theory classes: 6h Laboratory classes: 2h Self study : 6h</p>
<p>Description: content english</p>	
<p>title english</p>	<p>Learning time: 18h Theory classes: 6h Laboratory classes: 6h Self study : 6h</p>
<p>Description: content english</p>	
<p>title english</p>	<p>Learning time: 10h Theory classes: 2h Laboratory classes: 4h Self study : 4h</p>
<p>Description: content english</p>	

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### Planning of activities

name english	Hours: 2h Laboratory classes: 2h
name english	Hours: 2h Laboratory classes: 2h
name english	Hours: 2h Practical classes: 2h
name english	Hours: 2h Laboratory classes: 2h
name english	Hours: 2h Theory classes: 2h
name english	Hours: 3h Theory classes: 3h
name english	Hours: 1h Theory classes: 1h
name english	Hours: 1h Theory classes: 1h
name english	Hours: 1h Laboratory classes: 1h

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### Bibliography

#### Basic:

Angulo, A.; Blanco, J.L.; Mateos, F. Audioprótesis: teoría y práctica. Barcelona: Masson, 1997. ISBN 8445805037.

Gil-Carcedo, L.M; Vallejo, L.A.; Gil-Carcedo, E. Otología. 3ª ed. Madrid: Médica Panamericana, 2011. ISBN 9788498353730.

Morera, C.; Marco, J. Lecciones de otorrinolaringología aplicada. 2ª ed. Barcelona: Glosa, 2006. ISBN 9788474292718.

Bear, M.F.; Connors, B.W.; Paradiso, M.A. Neurociencia: la exploración del cerebro. 3ª ed. Barcelona: Wolters Kluwer, 2008. ISBN 9788496921092.

#### Complementary:

Sobotta, J. Atlas de anatomía humana. Vol. 3, Cabeza, cuello y neuroanatomía. 23ª ed. Barcelona: Elsevier, 2012. ISBN 9788480868730.