

33102 - MAARNMA - Analytical Methods Applied to the Study of Natural Resources and the Environment

Coordinating unit: 330 - EPSEM - Manresa School of Engineering
 Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering
 Academic year: 2019
 Degree: MASTER'S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2008). (Teaching unit Compulsory)
 MASTER'S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2015). (Teaching unit Compulsory)
 MASTER'S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2009). (Teaching unit Compulsory)
 ECTS credits: 5 Teaching languages: Spanish

Teaching staff

Coordinator: CONCEPCION LAO LUQUE - MARIA PURA ALFONSO ABELLA

Degree competences to which the subject contributes

Specific:

1. The ability to analyse field and laboratory data and design experiments using computer methods.

Learning objectives of the subject

Study load

Total learning time: 45h	Hours large group:	30h	66.67%
	Hours medium group:	15h	33.33%

Content

(ENG) -DESCRIPCIÓ TEORIA

Degree competences to which the content contributes:

(ENG) -DESCRIPCIÓ PRÀCTIQUES

Degree competences to which the content contributes:

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Bibliography

Basic:

Crompton, T. R. Analysis of solids in natural waters. Berlin: Springer-Verlag, 1996. ISBN 3540601635.

Fritz, James S. Analytical solid-phase extraction. New York: Wiley-VCH, 1999. ISBN 0471246670.

Pawliszyn, J., ed. Applications of solid phase microextraction. Cambridge: Royal Society of Chemistry, 1999. ISBN 0854045252.

Rubinson, Keneth A.; Rubinson, Judith F. Análisis instrumental. Madrid: Prentice Hall, 2001. ISBN 8420529885.