

**COURSE DATA****Data Subject**

Code	36582
Name	Matemática Básica F-M
Cycle	Grade
ECTS Credits	4.5
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
1928 - D.D. in Physics-Mathematics	Double Degree Program Physics and Mathematics	1	First term

Subject-matter

Degree	Subject-matter	Character
1928 - D.D. in Physics-Mathematics	1 - Primer Curso (Obligatorio)	Obligatory

Coordination

Name	Department
PEREZ RAMOS, M DOLORES	363 - Mathematics

SUMMARY**English version is not available**

La asignatura “Matemática Básica” se concibe como una asignatura esencial que sirve de base a las posteriores asignaturas del grado, proporcionando una formación adecuada para la comprensión del lenguaje matemático y los conceptos más fundamentales.

Algunos contenidos de esta asignatura son conocidos por los estudiantes de bachillerato, aunque probablemente no han sido vistos con el rigor que nosotros requerimos. No son necesarios conocimientos previos a esta asignatura.

**PREVIOUS KNOWLEDGE****Relationship to other subjects of the same degree**

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

No se han especificado restricciones de matrícula con otras asignaturas del plan de estudios.

OUTCOMES**LEARNING OUTCOMES**

English version is not available

WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	22,00	100
Classroom practices	17,00	100
Other activities	6,00	100
Preparation of evaluation activities	22,50	0
Preparing lectures	22,00	0
Preparation of practical classes and problem	23,00	0
TOTAL	112,50	

TEACHING METHODOLOGY

English version is not available

EVALUATION

English version is not available



REFERENCES

Basic

- b1: P. J. Eccles, An introduction to mathematical reasoning, Cambridge Univ. Press, 1970
- b2: L. J. Gerstein, Mathematical structures and proofs, John and Barlett Publ. Springer, 1996
- b3: P. Halmos, Naive set theory, Princeton, Van Nostrand Company Inc, 1960.
- b4: T. H. Hungerford, Algebra, Springer-Verlag, 1974
- b5: M. Liebeck, A Concise introduction to Pure Mathematics, Taylor&Francis Group, 2016
- b6: G. Navarro, Un curso de números, Publicacions Universitat de València, 2007
- b7: G. Navarro, Un curso de Àlgebra, 2a ed., Publicacions Universitat de València, 2016
- b8: J. Stillwell, Numbers and Geometry, Springer, 1998

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

In the event of a closure of the facilities due to the health situation, and if this affects all or part of the classes of the subject, these will be replaced by classes where physical attendance will be replaced by online synchronous classes following the established schedules, and with asynchrony work from home.

In the event of a closure of the facilities due to the health situation, and if this affects any of the face-to-face tests of the subject, these will be replaced by tests of a similar nature but in virtual mode through the supported computer tools by the University of Valencia. The evaluation percentages will remain the same as those established in the guide.